FROM THE EDITOR'S DESK

by Jim Notini

How time flies! It doesn't feel like it has been two months since I mailed out the May / June newsletter just before we closed CompuKINGDOM and moved N.I.A.D. to my house. It has been some kind of experience, the last two months that is, but I am proud to say that N.I.A.D. is back on it's feet, stronger than ever and rearing to go.

The appearance of this newsletter in many a mail box across the United States and Canada will probably be a big surprise to some as I am sure there are those of you who thought N.I.A.D. would close shop and disappear as many other ADAM newsletters have in the past. Also some misleading news write-ups in another ADAM newsletter and word of mouth rumors have caused quite a bit of concern amongst our members. Well, I think and hope that we have squashed all those false rumors about the fate of N.I.A.D. and our commitment to the ADAM Computer with this issue.

All I can ask of you, our members, is to trust what you read in our newsletter about what we are doing and read with a grain of salt what other newsletters report about us. We have been providing our members and ADAM owners with the best possible service within our capabilities since our inception, which dates back to January of 1985, and we plan to be around for many more years to come. We are ADAM owners and users just like yourself who enjoy using the system and staying in contact with all the friends we have made through it. Anyway, if we decided to close-up, I wouldn't get all those free software demo programs to review in the newsletter and I know I'm not rich enough to maintain this hobby!

All that aside, N.I.A.D. was never theoretically closed during the whole moving process as we were able to move everything over to my house in one trip after business ours on a Saturday. On Sunday, which we have always been closed on, I was able to get everything setup in my house and ready for business as usual on Monday, albeit in a new location. For the last two months I have been filling orders, writing a newsletter, reviewing software and books, putting together new public domain volumes, attended an ADAM convention, published an ADAM glossary and in general performed all the duties I have performed for over four years at our old store. So you see while some things change, others stay the same.

Another event that I can't believe has already passed us by is ADAMCON 04. You will find an entire write-up on the fourth annual ADAM convention within the pages of this newsletter written by your's truly. The convention was a whopping success with a grand total of 94 full delegates in attendance (not counting their family members and day pass delegates). Such well known ADAMites as Pat Herrington,

Ron Collins, Mark and Scott Gordon, Dean Roades, Bart Lynch, Rich Clee, Ron Mitchell, Chris Braymen, Guy Cousineau, Tony Morehen, etc., were able to attend the convention and make it one experience I will never forget (along with ADAMCON 01).

There were many new products unveiled during the days of the convention, but the ones that I found most impressive were developed by Mark Gordon of Micro Innovations. Mark has used all his skills and knowledge of computer electronics to bring about a new era in hardware design and quality that I doubt can ever be rivaled by anyone for the ADAM except himself.

With the availability of two different hard drive setups (the L/C and H/P which you will read about in the News & Updates section) that are 100% compatible with one another, some tough decisions will have to be made. The L/C Hard Drive Interface card plugs into Expansion Slot #1 and if you have an ADAMLink 300 Baud Modem in this slot already, you will have to remove it. In this instance you could purchase an M.I.B. 3 card that supplies the necessary serial port (along with other interface ports) for hook-up of an external modem, but this could become quite expensive. The H/P Hard Drive Interface card plugs into Expansion Slot #2 and also provides a parallel port and addressor function. In this instance all you would have to do is remove the parallel interface card you may already own and store it as a backup or if you have a second system, install it in there. If you want access to an external modem then all you would have to purchase is the new Dual Serial I/O Card that installs in Expansion Slot #1.
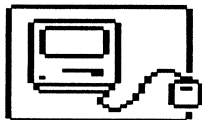
This is just scratching the surface of possible choices to be made when purchasing an Micro Innovation's interface card or hard drive and this is why we will be writing an article on hardware options in the not so distant future that we hope will make your choices much easier. If you can't wait to get the low-down on these hard drive units, then by all means give me a call during normal business hours and I will try to steer you in the right direction. If I am unavailable at the time then leave a message on my answering machine and I will call you back.

An updated listing of ADAM Users Groups, Repair / Service Centers and Bulletin Board Systems is also contained in the pages of this issue. Due yourself a favor and take the time to write some of these groups or call a BBS every now and then. There are some truly fine newsletters being published by these groups that I am sure many of you would find interesting and well worth the membership dues. Also, if you are part of an A.U.G. that is not listed in this article please let us know about it so that we can add it to our next listing.

Starting on page seven of this newsletter, you will find our updated catalog of products for the ADAM that we supply. Quite a bit of change has transpired since the 1991 catalog was put together so read through these pages very carefully for the most up to date product information. This year, unlike last, we have broken it up into three separate categories: software, books and hardware. We hope this will make it easier for you to find specific products.

JULY / AUGUST - ISSUE #89 INDEX

N.I.A.D. PROCEDURES

⇨ N.I.A.D. is published monthly, except for the months of May / June and July / August, which are combined issues by the **Northern Illiana ADAM User's** Group. Individual issues may be purchased for the current month or a backissue for $3.00 (always check Product List for current pricing). The July / August issue of N.I.A.D. is the 89TH issue published by N.I.A.D., there are 88 preceding issues. When ordering backissues, please specify the number of the issue, month and year.

⇨ The standard membership rate for 10 issues is **$22.00 USA First Class** and **$26.00 Canadian First Class and it's possessions.** Contact us for membership rates outside of these areas.

⇨ N.I.A.D. welcomes contributions of original reviews, programs, articles, questions, suggestions and comments. Please include a SASE (Self-Addressed-Stamped-Envelope) if you want a written reply. Also, any contribution sent in on DDP or DISK will be eligible to receive a Public Domain program or volume in return at no charge!

⇨ Your N.I.A.D. member ID number is on the first line of your mailing label (affixed to the newsletter). The first four digits are the month and year of the final issue in your current membership. Please check this number each month to insure that issues are not missed.

⇨ N.I.A.D. will not be held liable for any issues missed due to an address change which we are not informed of. Please send this information to us as soon as possible so as not to cause any type of difficulties. Also, include your member ID number any time that you send us any kind of letter, package or order.

⇨ N.I.A.D. accepts advertising for ADAM related products and services. Cost is $35 for a half page ad and $60 for a full page ad for one month. Contact us for multi-issue discounts. Well over a thousand ADAM owners receive our newsletter each month and many more get to see it second hand. You may send in your ad in either SmartWRITER, SpeedyWRITE, PowerPAINT, PrintWORKS, other ADAM formats, IBM ASCII or IBM PUBLISH IT! DTP format files or even supply us with a high quality print out for reproduction in the newsletter. N.I.A.D. reserves the right to not advertise certain products or services which may be offered.

⇨ If **0792 or 0892** are the first four digits in your member number, this is the last issue you will receive in your current membership, It is time to renew your membership to insure that you do not miss an issue.

⇨ N.I.A.D. welcomes software developers to submit their programs for us to evaluate for possible commercial sale. Send in your products for us to test and to review in the newsletter. N.I.A.D. offers a 50 / 50 split of the sale price on all items that we handle distribution of for all developers. You will find that this is one of the best offers around in the ADAM community. We will also publish a review on the product as soon as possible and handle distribution of demo copies.

⇨ **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 reflect those of the editor or staff unless noted.**

N.I.A.D. NEWS & UPDATES

⇨ *N.I.A.D.* is offering a wide range of product specials on books, software, hardware and used products through September 18th. Turn to page 5 in this issue for all the details. Please note that you have to be a current member of N.I.A.D. to take advantage of these prices and these prices will only be valid until we sell out of current stock. Also read on for details of price reductions on the Micro Innovations line of ADAMnet Floppy Disk Drives and introductory prices on their new line of PowerMATE L/C and H/P Hard Disk Drives.

⇨ *N.I.A.D. 's* full product catalog is included in this issue, from pages 7 to 22. This new catalog update supersedes all previous catalogs including the one passed out at ADAMCON 04. We apologize for the delay in getting this issue out to you (originally planned to be out in the middle of July), but we felt it was better to hold off until after the convention so that we could pass along all the latest details instead of waiting until the September issue.

⇨ *E.O.S. PROGRAMMING'S MANUAL* has been released by Guy Cousineau of the ADAM News Network. This 115 page manual is an in depth study of the benefits of machine language programming, the E.O.S. structure, and memory configuration. The greater part of this manual, however, is devoted to the explanation of E.O.S. routines. Turn to page 17 for a full product description. E.O.S. Programmer's Manual is readily available at a price of only $11.95.

⇨ *THE OFFICIAL A.N.N. ADAM GLOSSARY* has been released by John Harris, Guy Cousineau, Pat Herrington, Bart Lynch and Jim Notini (amongst numerous others) of the ADAM News Network. This 30 page glossary contains full descriptions of nearly 400 ADAM computer terms from A to Z and is perfect as a reference when you come across computer terms you have never seen before. Turn to page 17 for a full product description. The ADAM Glossary is readily available at a price of only $4.95.

⇨ *ADAM PROGRAMMER'S GUIDE* has been released by Bob Sebelist of the Maine ADAM Library. This 133 page guide is a SmartBASIC programmer's dream come true. Within it's pages that are broken up over six sections are details of implementing graphics and text on the HGR and HGR2 screen, making and using sequential and random access files, a list of Pokes, Peeks and Calls, and much, much more. Turn to page 18 for a full product description. The ADAM Programmer's Guide is readily available at a price of only $15.95.

⇨ *MICRO INNOVATIONS* has reduced the suggested retail price on their line of the ADAMnet FLOPPY DISK DRIVES. Following are the new suggested retail prices that have gone into effect as of Aug. 1st for each of the respective drives: 5 1/4" 320K F.D.D. - $199.95, 3 1/2" 720K F.D.D. - $249.95 (special for N.I.A.D. members only - $229.95) and the 3 1/2" 1.44Mb F.D.D. - $299.95 (special for N.I.A.D. members only - $269.95). The sale prices for both of the 3 1/2" F.D.D. are in effect through Sept. 18th. When purchasing a 3 1/2" F.D.D. we recommend giving the 1.44Mb model heavy consideration due to the fact that it can read and write the 720K disk format and offers double the storage capacity for only forty dollars more.

⇨ *M.I. DUAL SERIAL I/O CARD* has been released by Mark Gordon of Micro Innovations. This new interface card plugs into Expansion Slot #1 and provides two RS-232 serial ports - one set up for a CRT terminal, serial printer or X-10 Control Interface and the other set up for an external modem. The serial ports are not compatible with the EVE and OBS serial ports but included software allows access and ADAMLINK V (sold separate) now allows for the use of the M.I. serial ports. The M.I. Dual Serial I/O Card is now available for the price of only $49.95. Serial cables are sold separate and cost $14.95 each.

⇨ *M.I. MULTI-PURPOSE INTERFACE 3* has been released by Mark Gordon of Micro Innovations. This enhancement to the very popular M.I.B. 2 card plugs into Expansion Slot #2 and provides one 9 or 24-pin compatible Parallel Port, two RS-232 Serial Ports, Addressor function for memory expanders larger than 64K and now a Boot Prom Socket. A number of different program eproms can be plugged into this socket such as ADAM's Desk Top, SmartWRITER Elite or Operating System software for Hard Drives. Also, the need to plug in an adaptor to the power connector on the right side of the memory console for each serial port to be used is no longer necessary as Micro Innovations has provided a voltage regulator on the M.I.B. 3 card. Included with the M.I.B. 3 is the latest version of T-DOS, two E.O.S. patches for using a dot matrix printer with SmartWRITER, SmartBASIC, etc. and a number of CP/M or TDOS compatible telecommunications programs (for E.O.S. use of an external modem, ADAMLINK V is now available for $24.95). The Multi-Purpose Interface 3 is now available for the price of only $74.95. Serial and Parallel cables are sold separate and cost $14.95 each.

⇨ *M.I. PowerMATE L/C HARD DISK DRIVES* have been released by Mark Gordon of Micro Innovations. The L/C configurations come with either a 20 or 40Mb IDE Hard Disk Drive that transfers data at 70ms, a Hard Drive Interface only card that plugs into Expansion Slot #1, a hard drive cable, power transformer, operating system software and public domain software preloaded. The case for this unit (and the H/P version) is slightly larger than the original Coleco disk drives. Suggested retail prices for the L/C Hard Disk Drives are as follows: 20Mb version is $299.95 and 40Mb version is $399.95. Introductory prices for N.I.A.D. members only through September 18th are as follows: $279.95 for the 20Mb version and $369.95 for the 40Mb version.

⇨ *M.I. PowerMATE H/P HARD DISK DRIVES* have been released by Mark Gordon of Micro Innovations. The H/P configurations come with either a 20 or 40Mb IDE Hard Disk Drive that transfers data at 28ms and has a built-in 8K cache, a Hard Disk Interface that plugs into Expansion Slot #2 and supplies a Boot Prom Socket, 9 or 24-pin Parallel Port and Addressor function, a hard drive cable, power transformer, operating system software and public domain software preloaded. Suggested retail prices for the H/P Hard Disk Drives are as follows: 20Mb version is $349.95 and 40Mb version is $499.95. Introductory prices for N.I.A.D. members only through September 18th are as follows: $319.95 for the 20Mb version and $469.95 for the 40Mb version.

⇨ *MICRO INNOVATIONS* has also informed us that they are progressing ever so slowly with the ADAMnet Hard Disk Drive and 5 1/4" 1.2Mb ADAMnet Floppy Disk Drive. Both projects will in all likelihood be released before Christmas. Another project being worked on by Scott Gordon is a fantastic adventure / role playing game called Dragon Master. Scott hopes to have this completed before Christmas also so that he can start work on some other game projects he has in mind. Watch for further details in upcoming issues of the N.I.A.D. Newsletter.

⇨ *ADAMzap SOFTWARE,* operated by Eric Danz, has released a number of new entertainment and utility programs. The new releases include: Zoran 4, Wishing Well, MicroTalk V2.0, The Navigator and The Comedian. Prices range from $9.95 up to $15.95 for the programs and we will have further details on each as soon as we receive our review copies. Also from ADAMzap SOFTWARE is a new line of digital data packs that are available in numerous configurations. We will have complete details in next months issue. If you can't wait until then, write them at the following address and ask for their latest NetworkADAM NewsINFO Letter: ADAMzap Software - 17 Capstan Rd. - West Milford, NJ 07480-4816.

INSIGHTS ON ADAMCON 04
Mentor, Ohio - July 23-27, 1992
by Jim Notini

Another ADAM Convention has once again come and gone and as with the previous three the fourth convention has brought about a whole new outlook for the ADAM. What once seemed to be a bleak and very short future to many has made a complete one hundred and eighty degree turn around for the better.

ADAMCON 04 started for me on the morning of July 23rd. I had decided to drive to the convention due to the close proximity of Cleveland to Chicago. After picking up my girlfriend, Michelle, we hit the highway for a six hour tour of the Great Midwest. Little did I know that it would take longer to get out of Illinois than to drive through Indiana due to what seemed to be endless road construction. Thankfully the Indiana and Ohio tollways had only small pockets of road construction so I was able to make up all the time lost in Illinois by driving at a speed that I will not mention here.

MENTOR, OHIO AT LAST!

At 6:10pm I walked into the lobby of the Travelodge of Mentor right on time to register for the convention. The lobby was set up as the registration area which was manned by Herman Mason, George Koczwara, Sandra Schwering, and Patricia Williams amongst others. After receiving my information packet for the convention I was able to watch the ADAMCON Information Manager run it's course on Ron Collins souped up ADAM system. For those of you who haven't heard anything about this demo, by Chris Braymen and Ron Collins, it is simply breathtaking. The Info. Mgr. is like a directory which allowed delegates to view in graphic form the complete schedule of events for AC IV, a listing of which rooms the delegates were in, advertising screens for ADAM Users Groups, Bulletin Boards, Vendors, Hardware and Software Developers and more. Menus are provided on-screen and selections are made via a joystick that makes using this program very easy. Best of all while all this is being displayed on screen, accompanying music is being played through a MIDI Interface setup or ADAM's own sound chip. It is a very professionally designed piece of software that uses a wide range of special effects for the screen displays such as scrolling, screen fade in and out, page folding, etc. to manipulate the graphic screens. I think it has been released into the Public Domain by Chris and Ron, but I will have to check with them first and let you know next month.

After being awe-struken by the ADAM Info. Mgr. for an hour or so the reception started and all the delegates gathered for a few drinks and to get acquainted with one another face to face instead of over the phone. Familiar names like Ron Collins, Pat Herringan, Guy Cousineau, Tony Morehen, Bruce Walters, Bart Lynch, Dean Roades, Alan Neeley, Rich Clee, etc., were but a few I had the pleasure to talk with before running out for a bite to eat and retiring to bed to rest up for the following days events.

FRIDAY, JULY 24th

The morning of July 24th started a little late for myself as I slept through my wake-up call. I, however, did make it down to the banquet hall in time to grab a cup of coffee and hear George Koczwara's Keynote speech. The speech by George was rather brief, but this was probably for the best as everyone was itching to start the hands on sessions.

There were nine, two hour sessions scheduled for the first day with three running simultaneously. The morning sessions held were: Introduction to TDOS by Guy Cousineau, Comparing SmartBASICs by Rich Drushel, and Graphics by Pat Herrington. Some tough choices had to be made throughout the convention by the delegates as to what session they would attend since no one can be in three different locations at the same time. I decided to attend Rich Drushel's session which detailed the differences between the many available versions of

SmartBASIC. Rich overwhelmed his audience any myself with his vast knowledge and expertise on the subject as well as his 17 page outline on the subject.

The noon sessions consisted of: Beginners Machine Language by Bruce Walters, ADAM Hardware for Beginners by Jerry Vrancks and Dean Roades, and Telecommunications by Bart Lynch. I attended Bruce Walters' session which covered how exactly to go about programming in machine language. This is a very difficult subject matter to discuss in this type of environment, but Bruce was able to shed a little light on the matter with the aid of a number of delegates from the audience.

The afternoon sessions consisted of: ADAM "Pet Peeves" by Ron Mitchell, SmartBASIC Utilities by Alan Neeley, and Music by Chris Braymen. I attended Chris Braymen's session on playing music on the ADAM system. Chris, very expertly, worked his way through the many different stages of ADAM music programs until he reached the pinnacle that the ADAM is at right now concerning music, MIDI. At this point he gave the delegates a little taste of the abilities of his MIDI-MITE Interface and software so as not to ruin his follow up session on music the following day.

Following the last session Rich Clee took the opportunity to organize a meeting of the ADAM News Network Staff who made it to the convention in his room. Many subjects were discussed and future directions for A.N.N. were laid out. Look for A.N.N. to increase it's role in the ADAM community in the future and for N.I.A.D. to be working more closely with them on special projects, article contributions and public domain software contributions for their monthly disk distributions.

The last official meeting for the first day was for vendors only. I cannot go into a lot of detail on the subject matter, but I can say that the vendors and hardware / software producers will be working more closely together to avoid some of the problems that have arisen in the past as well as the software compatibility issue with hardware.

SATURDAY, JULY 25th

I missed breakfast once again, but made it down in time to decide not to attend any of the sessions being held in the morning. Instead I ran into a number of other delegates and discussed numerous subjects pertaining to the ADAM for nearly two hours.

The were six sessions scheduled for the second day of the convention with the morning sessions consisting of: Beginners TDOS by Guy Cousineau, Beginners Logo by Frances and Rich Clee, and Graphics by Pat Herrington.

The second group of morning session consisted of: Music by Chris Braymen, Easy ADAM Repairs by Howard Pines, and Telecommunications by Bart Lynch. I attended Chris Braymen's session on Music for the obvious reason that I attended his session from the day before. This time Chris quickly got into demonstrating the abilities of his MIDI-MITE hardware and software. In no time at all he was playing a beautiful song through the MIDI-MITE and then demonstrating how to use his SEQuel program. If only I could have taken a picture of the facial expressions of the audience for this session as the music filled the room. I am sure a number of people will be turned onto music due to Chris's superb demonstration.

After the sessions had ended the ADAM Store was opened for the vendors to display their products. As expected a large swarm of ADAMites quickly overran the display tables asking all types of questions and snatching up products that they had wanted to purchase

through mail-order, but decided to wait to purchase at ADAMCON. Vendors present at the store included AJM Software, ADAM Services, A.N.N., Oscar's Computers, Drushel Software, Bonafide Systems, Eyezod Graphics, S.M. Video, ADAMLink of Utah with the complete line of Micro Innovations products and your's truly, N.I.A.D. Other vendors did not set up a table at the store, but decided to setup a display area in their room so that the delegates could come by at anytime to see demos and purchase products.

The last session and official event of the day was held by Rich Clee and discussed the subject of beginning a users group. I did not attend this session since I previously promised my girlfriend that I would spend the rest of the day with her and visit one of Cleveland's hot spots, The Flats. It was the perfect opportunity for me to let the events of the past two days settle in and take a breather before the last day.

SUNDAY, July 26th
The last day of the convention started innocently enough with me missing breakfast once again. The itinerary for the day included six more sessions.

The morning sessions included: Intermediate TDOS by Guy Cousineau, Software for Hardware by Tony Morehen, and Graphics by Pat Herrington. I once again failed to make it to any of these sessions as I was caught up in a hot and heavy discussion with a number of the other delegates concerning the ADAM.

The afternoon session consisted of: Automating ADAM in TDOS by Bob Blair, E.O.S. Word Processing by Joe Alford and Dean Roades, and Telecommunications by Bart Lynch. I attended the session by Bob Blair in which he discussed many short cuts to speed up the operation of TDOS. In the audience were Guy Cousineau and Tony Morehen, the developers of TDOS, to make things more nerve wrenching for Bob. But as it turned out, Bob's presentation was terrific and both Guy and Tony were able to lend helping hands on different subject matter.

After the sessions had adjourned, the ADAM Store was once again open for a couple hours as well as Howard Pines' Repair Center (Howard was available the entire convention for repairs of ADAM equipment). Following the store was scheduled free time which I used to catch up on some sleep before the banquet was held.

The banquet started a little latter than scheduled since everyone was still relaxing and having a few cocktails. After enjoying a fabulous dinner of prime rib the final festivities began. George Koczwara took the podium and went over some facts on ADAMCON IV and then announced six new inductees to the ADAM Gallery of Honour. The six new inductees (five active and one inactive) were: Ron Collins of Orphanware, CL Digital, N.O.A.H. and now the B.A.S.I.C. A.U.G.; Barry Wilson of the St. Louis A.U.G. and ADAM News Network; Dean Roades of 463 ADAM and ADAM News Network; Mark Gordon of Micro Innovations; Terry Fowler of ADAM's House; and Sharon McFarlane. Each of the inductees received a beautiful framed certificate signifying their induction and proceeded to give a short speech (except for Barry Wilson, Terry Fowler and Sharon McFarlane who could not make it to the convention).

Following the inductions, a special raffle was held for two quilts that were donated by Linda Walters and Sandra Schwering door prizes were raffled off and then the door prizes were raffled. Those who contributed door prizes included: ADAMLink of Utah, Norman Castro, Maine ADAM Library, 463 ADAM, CompuServe, V.I.S.A., Elliam Associates, ADAMzap, Kosowsky's ADAM Repair, S.M. Video, HLM / GMK, Disks To Go, M.T.A.G., Tony Patterson, Gary Hoosier, R & R Software, Eyezod Graphics, Oscars Computers, Hexace Software, Bonafide Systems, and N.I.A.D. amongst others. There were a number of peculiar situations as Bruce Walters won his own Hexace Software and Howard Pines won two free repairs from Kosowsky's ADAM Repair, but the prizes were redrawn so that someone else could win them. I was lucky enough to win Alan Neeley's ADAM Home Automation Package and this saved Alan from having to send me the review

package that we had discussed the day before.

Then it happened! After going nearly four days wondering if anyone was going to step forward and volunteer to run the fifth ADAMCON convention, it was announced that the ADAMCON banner had been passed onto Alan Neeley of ADAMLink of Utah. The previous night plans for Alan to undertake this mammoth responsibility had been finalized with the current co-chairmen Herman Mason and George Koczwara, therefore assuring the continuation of this tremendous yearly event. Also announced was the fact that someone has already come forward to host the sixth convention in two years. It's a long way off, but fortunately we know there is a taker for that one also. I wish Alan all the good fortune in the world and know that many west coast Americans and Canadians will be delighted by this news.

ADAMCON 04 was officially closed at this time by George and Herman who then announced that Mark Gordon had setup a system with his new hard drive and was going to be running a demo for all interested.

NEW PRODUCTS UNVEILED
Conventions are always the perfect place for hardware and software developers to unveil their latest masterpieces, even more so when you are developing products for an orphaned computer system. In most instances, only a lucky few will be able to see a demo of the product, the majority will have to read about it in newsletter reviews. Not so at ADAMCON.

This year news of new products to be shown for the first time was very scarce, two A.N.N. publications was about all I knew about beforehand. So it was a pleasant surprise when a number of developers introduced some very impressive products that they had just finished in time for the convention.

Heading the list was Mark Gordon of Micro Innovations with his Dual Serial I/O Card, Multi-Purpose Interface 3 and the new line of PowerMATE Hard Disk Drives. His son, Scott, was also in attendance and demonstrated a fantasy / role playing game he was drawing near to completing that should give some of the Nintendo and Sega games a run for their money (watch for details in upcoming issues). Other products officially released included: The E.O.S. Programmer's Guide by Guy Cousineau and A.N.N.; ADAMLink V by Rich Drushel, Tom Clary and HLM / GMK; ADAM - DOS by Bonafide Systems (which is public domain); Fontasy by Eyezod Graphics; A.N.N. ADAM Glossary by John Harris, A.N.N. and N.I.A.D.; The ADAM Programmer's Guide by The Maine ADAM Library; and vastly improved software for the ADAM Home Automation Package by ADAMLink of Utah and Chris Braymen. Numerous other vendors demonstrated products that they were working on and soon would be available. For full details and pricing on all these new products read the N.I.A.D. News & Updates section and see the full product description in this issue.

Also on display at ADAMCON 04 were some very impressive modifications of the ADAM Memory Console. Three that stick out in my mind are owned by Ron Collins, Rich Drushel and Ed Zelinksi. I plan to write to each of these gentlemen to see if they would be willing to write articles detailing their systems, the modifications that were made and how to go about performing the modifications as I am sure quite a number of you would be very interested in this information. One system that I didn't get a chance to see is owned by the Wick brothers, Neil and Dale. I had heard about this unit that is installed in an IBM compatible casing after ADAMCON 02, but unfortunately never got a chance to see it firsthand.

LOUNGE LIZARDS
Thinking back to ADAMCON 01 some of my favorite times at that convention in Orlando were not during the day, but rather late at night in the hotel lounge. I would have to say that the same can be said for this convention also. A number of other night owls, like myself, gathered each night after all the festivities just to unwind and discuss countless subjects. Some of these discussions ran into the wee hours of the night as we exhausted the lounge's supply of beer. To all the

lounge lizards out there (Mark, Scott, Tony, Guy, Chris, Russel, Don, Dean, Pat and Alan), the first round at ADAMCON 05 is on me.

IN CONCLUSION

I went to ADAMCON 04 not really knowing what to expect as far as turn out and the introduction of new products. There had been rumors going around that the total number of people planning to attend was around 70 to 80. But at the banquet we were informed that ADAMCON 04 had the best turn out of full delegates ever for an ADAMCON with 94. This figure did not even include family members of the delegates and also the day pass delegates. It was somewhat surprising to hear that this large of a turn out made it to the convention and is a very good sign for the future of the ADAM and ADAMCON.

There is no way for me to put in proper words what it feels like to attend one of these conventions and I'm afraid that if I tried the article would end up being the size of this newsletter. The best way to experience it is FIRST HAND so start making your plans to attend the next convention in Utah once the information starts to become available and watch for other articles on ADAMCON 04 in this newsletter to give you a few different perspectives.

My congratulations and thanks go out to George Koczwara, Herman Mason, the B.A.S.I.C. Group and the women of ADAMCON 04. You guys put on a tremendous convention and should be proud of yourself. Also, everyone else who attended deserves credit for the success of the convention since without you there wouldn't have been an ADAMCON 04.

P.S. I missed the going away breakfast on Monday, July 27th as I once again failed to wake-up in time.

MAJOR VIRUS ALERT!
by John Waller, Boca Bytes Co-Sysop
Contributed by John Harris / M.O.A.U.G.

In light of recent developments in the Personal Computer community, we, the Boca Bits and Boca Bytes Staff, feel that it is our obligation to inform the members of the BRCS of these currently identified computer viruses:

❑ **George Bush Virus** - Doesn't do anything, but you can't get rid of it until November.
❑ **Ted Kennedy Virus** - Crashes your computer but denies it ever happened.
❑ **Anita Hill Virus** - Lies dormant for 10 years
❑ **Warren Commission Virus** - Won't allow you to open your files for 75 years.
❑ **Jerry Brown Virus** - Blanks your screen and begins flashing an 80 number.
❑ **David Duke Virus** - Makes your screen go completely white.
❑ **Congress Virus** - Overdraws your disk space.
❑ **Paul Tsongas Virus** - Pops up on December 25th and says "I'm Not Santa Claus."
❑ **Pat Buchanan Virus** - Shifts all output to the extreme right of the screen.
❑ **Dan Quayle Virus** - Forces your computer to play "PGA TOUR GOLF" from 10am to 4pm 6 days a week.
❑ **Bill Clinton Virus** - This virus mutates from region to region. We're not exactly sure what it does.
❑ **Richard Nixon Virus** - aka the "Tricky Dick Virus". You can wipe it out, but it always makes a comeback.
❑ **H. Ross Perot Virus** - Fills your screen momentarily, but then deletes itself without warning.

Please - this list is for your enjoyment
and NOT to cause PANIC!

ADAM SUPPORT '92
Who's who and What's what
by Jim Notini

ADAM USER GROUPS

• 463 A.U.G.	Dean Roades	8522 Hohman Ave.	Munster, IN	46321
• ADAM News Network	Barry Wilson	12967 Weatherfield	St. Louis, MO	63146
• ADAM's House	Terry Fowler	Rt. 2 Box 2756	Pearland, TX	77581
• ADAMLink of Utah	Alan Neeley	2337 South 600 East	Salt Lake City, UT	84106
• Albany Area A.U.G.	Ramen Griffin	3 Robin Hood Rd.	Albany, NY	12203-5113
• American A.U.G.	Herman Cherney	198 Sand Creek Rd. - Suite #B	Albany, NY	12205-1817
• ADAM User-Friendly Group	Ron Mitchell	Apt. #1107 210 Gloucester St.	Ottawa, ONT., CAN.	K2P 2K4
• A.W.A.U.G.	Jack McKenn	415 Camden Dr.	Falmouth, VA	22405
• B.A.S.I.C. A.U.G.	Ron Collins	529 Grandview	Barberton, OH	44203
• Calgary ADAM Family	Gerry St. Peter	6508 34th St. SW	Calgary, ALB., CAN.	T3E 5M2
• Central Virginia A.U.G.	Tom Kelley	3-B Chestnut Grove	Earlyesville, VA	22936
• Delaware Valley A.U.G.	Robert Akell	10848 Modena Dr.	Philadelphia, PA	19154
• East Bay A.U.G.	Tom Ozretich	6097 Slopeview Ct.	Castro Valley, CA	94552
• Edmonton A.U.G.	James Farrier	4B - 12021 - 66 St.	Edmonton, ALB., CAN.	T5B 1J7
• Emerald Coast A.U.G.	Faye Deere	P.O. Box 4934	Ft. Walton Beach, FL	32549
• Gulf Coast A.U.G.	Joe Quinn	6665 Timbers Dr.	Mobile, AL	36695
• Inland Empire A.U.G.	Tom Keene	3141 E. Palmyra Ave.	Orange, CA	92669
• MAGnet A.U.G.	Eric Brennan	888 Templeton Ave.	Winnipeg, MANI., CAN.	R2V 3S6
• Maine ADAM Library	Bob Sebelist	P.O. Box 85	Waterford, ME	04088
• Metro Orlando A.U.G.	Pat Herrington	1003 Oak Ln.	Apopka, FL	32703
• Metro Toronto A.U.G.	Rich Clee	Box 165 260 Adelaide E.	Toronto, ONT., CAN.	M6A 1H6
• Northern Illiana A.U.G.	Jim Notini	8125 W. Catherine Ave.	Chicago, IL.	60656
• Omaha A.U.C.	Norman Castro	809 W. 33rd Ave.	Bellevue, NE	68005
• Puget Sound A.U.G.	Bob Zimmerman	22607 SE 322nd	Kent, WA	98042
• South Louisville A.U.G.	Danny Gratham	6413 Briscoe Ln.	Louisville, KY	40228
• Southwest Florida A.U.G.	Bob Blair	361 Eden Dr.	Englewood, FL	34223
• Saint Louis A.U.G.	Barry Wilson	12967 Weatherfield	St. Louis, MO	63146
• United Kingdom ADAM Subscribers	Keith Marner	33 Homer Rd.	Croydon, Surrey, ENG.	CR0 7SB
• Vancouver Island Senior ADAMphiles	David Cobley	17-885 Berwick Rd.	Qualicum Beach, B.C., CAN.	V9K 1N7

ADAM REPAIRS / SERVICE WORK

• ADAM's House	Terry Fowler	Rt. 2 Box 2756	Pearland, TX	77581
• Elliott Repairs	Dan Elliott	Rt. 1 Box 117	Cabool, MO	65689
• Kosowsky's ADAM Repair	Phil Kosowsky	6067 Jerusalem Dr.	Cicero, NY	13039
• Oscar's Computers	Howard Pines	224 F. Elgin Parkway	Fort Walton Beach, FL	32548

ADAM BULLETIN BOARD SYSTEMS

• ADAMLink BBS (Phoenix)	24 hours, 7 days a week	(602) 936-3892
• ADAMLink BBS (Utah)	6pm - 8am Mon - Fri, 24 hours weekends	(801) 484-5114
• ADAM Connection BBS	24 hours, 7 days a week	(518) 298-4294
• ADAM-X-Change BBS	24 hours, 7 days a week	(216) 883-9355
• A.W.A.U.G. BBS	24 hours, 7 days a week	(202) 561-2475
• Cat's Lair BBS	24 hours, 7 days a week	(802) 295-4831
• Coleco Depot BBS	8pm - 12am 7 days a week	(718) 848-3066
• Delaware Valley BBS	6pm - 10am Mon - Fri, 10pm - 10am Sat, Sun	(215) 277-0433
• I.E.A.U.G. BBS	4pm - 6am, 7 days a week	(714) 775-1603
• Mach I BBS	9pm - 6am, 7 days a week	(414) 762-0492
• Maine ADAM Library BBS	6pm - 8am, 7 days a week	(207) 583-4923
• Micro Innovations BBS	6pm - 6am Mon - Fri, 24 hours weekends	(703) 264-3908
• Northern Link BBS	24 hours, 7 days a week	(403) 246-4086
• Pappa's Toy BBS	24 hours, 7 days a week	(813) 475-3304
• Rocky Mountain BBS	24 hours, 7 days a week	(719) 783-9046
• St. Louis BBS	9pm - 6am Thur - Sun	(314) 383-3617
• TAPPS Music BBS	24 hours, 7 days a week	(416) 741-2432
• Trading Post BBS	24 hours, 7 days a week	(216) 791-4022
• Voice of the Eagle BBS	8:30pm - 5am Wed, Thur	(615) 431-9833
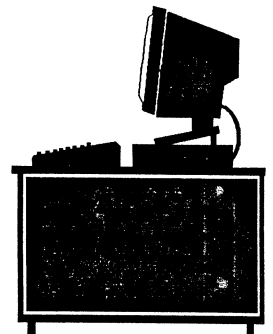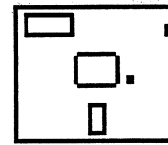
ADAM SOFTWARE
(D) = 5 1/4" DISK, (DP) = DATA PACK

ACOLYTE SOFTWARE

● **OpenFILER V3.0 with OpenRECIPE (D/DP) $14.95** Will read a SmartFILER or RecipeFILER data base and convert it into a sequential ASCII file by re-writing the records onto a new tape or disk. The new sequential file can then be read by SmartWRITER, SmartBASIC, or brought into CP/M through the CP/M ADAM.COM utility. Once in the CP/M environment, the file can be directly read by dBASE, WordStar, or other application programs. Your new sequential file can even be sent to another computer via a modem or to an IBM compatible via the ADAM Connection. OpenFILER V3.0 also provides: full recovery of the TEXT field, temporary delete and un-delete of individual records, ability to convert only a range of records, replacement of "text field" commas (for use with BASIC or dBASE), and much more. Included with the program is a comprehensive documentation file that will guide you through the use of the program, as well as suggested uses for the resulting file. REQUIRES at least two drives (disk or data).

ADAM'S HOUSE

● **FILE PRINTER (D/DP) $17.95** Allows for the printing of SmartWRITER files on a Panasonic KX-P1080 or 1180 printer (or compatible) with justified lines in either letter format, newsletter columns or exactly as typed. Allows for color printing by insertion of control codes to change line colors when using a Citizen 200GX printer. Change type font and size, paragraph margins, etc. using Panasonic or Citizen printers (or compatibles) by the insertion of control codes while using SmartWRITER. Page numbering and multiple copy options are available as well as numerous other functions.
● **INVOICER III (D/DP) $19.95** (Memory Expander Required) Designed for a small business, INVOICER allows up to 500 inventory items stored in memory for instant recall and use in printing invoices and inventory lists. Once inventory is input into program, each item quantity is updated as invoices are printed listing items. Invoice entry requires only item number and quantity for printout of full description, cost and total. Customer information is also saved under telephone number for recall of label and invoice information for future orders and sales. Program may easily be customized to each business' needs. Prints to ADAM or Dot Matrix Printer. If you have a small business, INVOICER III may be the program you have been looking for.

ADAMZAP SOFTWARE

● **ZORAN III (D/DP) $13.95** A game of man versus computer. You are a specially trained programmer working for the pentagon. Your job: Find and delete the ZORAN III virus that is running loose within the pentagon's central computer network. But for Zoran, you are just another game. Be careful because if you waste time, Zoran will use the programs that he has corrupted against mankind. So hurry, find him, don't let him find you; but make sure you delete him before it's too late! This is a very large game which uses text, graphics, music and the EVE SS-CC (if you have it) so that Zoran can talk to you.

ALLIED CREATIVE ENGINEERS

● **STRATOZAP (D/DP) $16.95** Though many, many alons have passed since the final actinic blasts of the third Galactic War, the nuclear waste has finally begun to rarefy the atmosphere of your home planet, Sartaysia. While most Sartaysians are hurriedly working toward the completion of subterranean dwellings, a select few have volunteered to man experimental StratoZAPPERS until autosensors can be perfected. This new weapon will vaporize stellar debris as it plummets toward the Sartaysian surface. StratoZAP is the computer simulation utilized to train the brave elite who will protect those who will remain on the surface. Tremendous graphics and sounds with some of the fastest paced and frantic game play you will ever experience from an ADAM arcade game.

AJM SOFTWARE

● **DISK DOCTOR (D/DP) $10.00** Finally an easy-to-use utility for repairing damaged E.O.S. directories: written in fast, machine code. Great help in recovering damaged or corrupted directories as well as recovering data on bad blocks. Easily the most advanced data recovery program for the ADAM.
● **E.O.S. DIRECTORY SORTER (D/DP) $10.00** Have you ever wished that you could sort your disk, data or hard drive directories in alphabetical and numerical order to make it easier to find respective programs or files? Now it is possible with Directory Sorter. This program will sort disk or data pack directories numerically and alphabetically as well as allow for the removal of deleted or backup files. It will work with up to 255 files in a six block directory and with any size drive (data, disk or hard drive).
● **E.O.S. FILE INDEXER (D/DP) $10.00** In a flash, this fine program will compile a text based database of your E.O.S. directories by reading the disk or DDP directory contents. It can even store and sort the filenames alphabetically. Once the database of your E.O.S. directories is created the file can be loaded into SmartWRITER, SpeedyWRITE, converted into a CP/M ASCII file, etc. for further editing if necessary.
● **FILE MANAGER V3.0 (D/DP) $17.95** One of the finest utility programs ever written for the ADAM. 100% machine code program that allows you to: Edit a disk or tape's directory, Copy files (one at a time or in groups), Delete files (also one at a time or in groups), Print files or directory listings, Backup disks or tapes, Krunch disks or tapes (free-up directory space by removing unwanted deleted files), Copy blocks, Edit Blocks, Format disks and zero formatted tapes, Initialize a disk or tape. File Manager will work with / without a memory expander. User can choose to use all of the available expander as a copy buffer (up to the first 512K), use only the first 64K bank, or ignore expansion RAM. Also works with any size disk drive (160K, 320K and 720K). Comes with an informative 25 page manual.
● **GUY'S E.O.S. UTILITIES (D/DP) $20.00** This is a three program collection that consists of E.O.S. FILE INDEXER, DISK DOCTOR and E.O.S. DIRECTORY SORTER. Please refer to the descriptions listed above for details on all three programs. If you already own one or more of these programs, contact us for full details on how to upgrade to Guy's E.O.S. Utilities.

APE SOFTWARE

● **ELECTRONIC GAME PACK I (D/DP) $14.95** A collection of five outstanding computer mind games jammed with outstanding graphics, sound and game play. Games included are: Backgammon, Battleship, Mastermind, 3-D Tic Tac Toe and Miners. An unbelievable value for the money considered five different games are included.
● **ELECTRONIC GAME PACK II (D/DP) $14.95** The second in a series of entertainment packs which are jammed with outstanding action games that feature terrific graphics, sound and game play. Included on this pack are: Car Wars, Crater Tag, Sky King and Snake Weeds.

BONAFIDE SYSTEMS

● **SEQuel (D/DP) $24.95** The long awaited Sequencer for the MIDI-MITE! SEQuel combines multi-track MIDI recording and playback capabilities with extensive editing features. The result is a powerful sequencer that rivals programs for other computers costing hundreds of dollars more! Features include: recording and playing back anything played on your synthesizer; reading and writing standard MIDI files (Format 0 and 1); editing your performance; synching to external MIDI clocks; using memory expansion RAM for additional song space. SEQuel is able to record on 8 tracks. MIDI data can either be enetered via your synthesizer or ADAM keyboard. Some editing features include: transposing to another key; changing velocity; quantizing; moving and copying portions of sequence or entire tracks; inserting and editing notes, controllers, aftertouch, program changes, and pitch bends; inserting and editing conductor information such as key signature, time signature and tempo. SEQuel comes with a 36 page manual and is fully SmartKEY driven.

COLECO ELECTRONICS

● **ADAMCALC (DP) $29.95** The affordable Advanced Electronic Spreadsheet. Helps forecast business profits, plan a portfolio of stocks, bonds and IRA's, create a family budget, work out income taxes, etc. Fully SmartKEY driven with over a hundred page easy to read and understand manual.

● **DRAGON'S LAIR (D) $16.95** Play the role of a hero, Dirk, who has volunteered his skills in order to rescue Princess Daphne from the clutches of the evil dragon Singe. Guide Dirk through 8 treacherous and deadly encounters with traps, ghastly ghouls and terrifying monsters in the arcade adventure game. Includes a Hall of Fame for those worthy enough to take on the challenge and some of the best graphics ever on the ADAM.

● **ELECTRONIC FLASHCARD MAKER (DP) $9.95** An easy to use productivity tool that can boost grades and improve classroom performance. FLASHCARD MAKER puts you in command of the information you need to master any subject from English to geography.

● **EXPERTYPE (DP) $9.95** Creates individualized exercises to help develop speed and accuracy. Improves performance of any typist. Provides an easy to use interface and great depictions of the ADAM keyboard to simplify the useage for children, but it is also provides enough challenge and learning ability for the adult.

● **FLASH FACTS: HISTORY (DP) $6.95** Follow the course of American events from the days of discovery right up through modern times with Electronic Flashcard Maker. Choose from 22 exciting decks ranging from the year 1490 through 1984 to Presidents to World War I and II. Learning opportunities: Increase Knowledge of American History and Sharpen Memory Skills.

● **RECIPE FILER (DP) $9.95** Quickly organize and plan exciting, nutritious family meals! Store and cross-file favorites in three ways. Databases created can hold up to 150 different recipes: access any one in moments. Printout recipes, plus ingredient shopping lists.

● **SmartFILER (DP) $9.95** Database program for storing all of your key records in one convenient place and find vital information fast. Use it for inventory, Student notes, Mailing List, Collection File, etc.

● **SmartLETTERS & FORMS (DP) $9.95** Takes the hard work and worry out of writing letters. Contains hundreds of pre-written business and personal letters; thank you notes, invitations, resumes, complaints, and many others!

● **SmartLOGO (DP) $15.95** Logo is the critically-acclaimed programming language that's considered the ideal first computer language. SmartLOGO is designed to conform to the way children think.

● **SUPER ZAXXON (DP) $9.95** More screens, more skill levels than the cartridge! More enemies & obstacles to conquer - drone planes, asteroid fortresses, weapons, barriers, Hall of Fame and much more. This is the best version of Zaxxon created for any home computer system. Even if you own the cartridge version, you will want the supergame version due to the addition of totally new levels not even available in the arcade version.

DIGITAL ADVENTURES

● **TEMPLE OF THE SNOW DRAGON (D/DP) $19.95** The FIRST in a TRILOGY of superb graphic adventures -- truly randomized; store and load a game; absolutely incredible graphics; great sound effects; very challenging adventure. Without a doubt, one of the best games EVER written for the ADAM computer; rivals ANYTHING Coleco ever did. This one will keep you playing. A FUN-FILLED, fun to play experience. You'll never forget this one.

DIGITAL EXPRESS INC.

● **BEYOND TREK (D/DP) $15.95** (Memory Expander Required) It's here! Pull the reset, a title screen instantly appears and the theme song starts playing. A few seconds later, the Enterprise appears as more of the program loads into memory. You'll hear a couple of more tunes and then Kirk's soliloquy is displayed ("spoken" if you have the Eve SS/CC). Then you take command. Your goal is to protect the four starbases and annihilate those belligerent Klingons. You have a full arsenal of weapons and you can get more at a starbase that's in good condition. You have a variety of maneuver options. Plus, three charts and a graph are at your disposal. The entire game is played with the front game controller keypad. There are four skill levels and a hall of fame for high scores (for the session or permanent record). This program is an adventure/graphics game that is based on the Star Trek game that has been available on other computer systems for a few years. If you like adventure games, then this is a must have for your game library.

● **CHESS CHAMP (D/DP) $15.95** (Memory Expander Required) The first graphic chess game for the ADAM computer. Standard board setup or you can position the pieces to your preference. Seven skill levels. Choose black or white. Change sides if you prefer. Move your pieces with a graphic hand. Store and load inchoate games.

● **CLIPPER (D/DP) $15.95** This utility allows you to design clip art pictures (64 by 64 pixels) or capture them from hi-res pictures. Foreground & background drawing. Store clip art binary image and color data as a Z80 file or as a basic 'H' file. Includes 11K of ramdisk storage space (does NOT require 64K card); totally Z80 program.

● **FontPOWER (D/DP) $14.95** Very easy-to-use font design utility that even comes with 8 new font sets (script, micro, cory, roman, bold, etc.). Includes three hi-res font shape tables. Includes a BASIC program that allows the user to insert FontPOWER characters inside the GR, HGR, or HGR2 graphics window.

● **PaintAIDE with the SWIFT FONT KIT (D/DP) $16.95** PowerPAINT is a very comprehensive graphics design program that is widely acclaimed as one of the best programs ever written for the ADAM. So, what could make it better? PaintAIDE allows you to enable or disable the printer status check for your dot matrix. You can select your own default background color for CLEAR; and, best of all you can pick your own pre-defined typeface for the four sets of SPECIAL FONTS. With half width you can setup for MICRO fonts or (better) SYSTEM fonts. With full width, you can setup for COMPU, MICRO, or SYSTEM fonts. Plus, you have six double sized (headline) typefaces to choose from: BIG, BOLD, COMPU, GOTHIC, OUTLINE, or RITZ. PaintAIDE requires two drives. Insert PaintAIDE in one and PowerPAINT in the other. Select the options that you want, and it will change the PowerPAINT medium for you fast. The changes will be in effect when you boot the disk or data pack. You can change them later if you wish. Comes complete with the SWIFT FONT KIT. Includes 20 sets of font sets (SYSTEM, BOLD, RITZ, SCRIPT, MODERN, ITALIC, OLD ENGLISH, OLD WEST, BOLD2, STOP, COMPU, ROMAN, BLOCK GOTHIC), etc. You have a total of over 3 dozen font files to choose from.

● **PowerPAINT (D/DP) $29.95** (Memory Expander Required) The most EXTENSIVE graphics design package ever developed for the ADAM; quick global color changes; easy polygons; allows use of FontPOWER font sets (normal size, double width, or double length); allows use of CLIPPER clip art files; move and/or copy sections of your pictures; over two dozen print options (various lengths, various widths, mirror image, reverse image, sectional hard-copy); enlarge sections of your picture; scroll your picture up, down, left or right; actual picture is four screens allowing for large graphics designs (letter-heads, greeting

cards, certificates, etc.); total machine code program; for printing, a Centronics parallel interface, EPSON FX or IBM 5152 compatible dot matrix printer is required. For those of you who want the VERY BEST, then this powerful program is just what you have been looking for. This is simply the finest graphics program available for the ADAM.

● **ShowOFF I (D/DP) $18.95** This is one of the most complete graphic design programs ever written for the ADAM before PowerPAINT came along. You can print out the low resolution graphics on the ADAM printer or high resolution graphics with a dot matrix printer. ShowOFF I includes 2 programs: BlockPAINT (for the ADAM Printer) and SmartPAINT (for a dot matrix printer with a multitude of print options) for the artist in all of us.

● **SpritePOWER (D/DP) $15.95** This totally Z80 machine code program (36K file) also comes complete with an extensive instruction manual that tells you all about using the program and using sprites in your own programs. Design sprites on a grid or capture them from hi-res pictures; includes buffer for transferring sprites from one file to another; includes an 11K ramdisk (does NOT require 64K expander). Comes with PUFF (a fast action arcade style game using sprites). Store sprite sets as binary image Z80 file, binary image BASIC 'H' files, or as a BASIC 'A' file with DATA statements.

● **SwiftPRINT (D/DP) $15.95** (Memory Expander Required) Powerful graphics file interchange program which easily converts picture files between RLE, SmartPAINT, PowerPAINT, GraphixPAINTER and PaintMASTER formats. Store and load in virtually and ADAM picture format. A variety of picture print options including COLOR for the Okimate 20. Requires a parallel interface and dot matrix printer for printing.

DRUSHEL SOFTWARE

● **SmartBASIC V1.x (D/DP) $29.95** This is the SmartBASIC language which should be in every ADAM owner's hands! SmartBASIC V1.x is a major rewrite of the SmartBASIC V1.0 interpreter for the Coleco ADAM computer. It provides the programmer with 40 NEW COMMANDS and 38 NEW FUNCTIONS. It allows the programmer complete access to the hardware and software capabilities of the ADAM, using simple, high-level commands -without arbitrary PEEKs, POKEs, or CALLs, and without the programmer needing to understand Z80 Machine Language. Supports 31, 40 or 80 TEXT with working FLASH and INVERSE; read and write absolute disk/tape blocks; easy color changes; definition of a scrolling text WINDOW smaller than the physical screen; manage interpreter memory independent of absolute addresses; print to a parallel printer; initialize and communicate through serial ports; access all system RAM, ROM and expansion RAM; invoke EOS operating system functions without machine language subroutines; use larger disk drives, including hard drives; format floppy disks for any size drive; keep time and date with hardware and software clocks; communicate directly with Z80 I/O ports. Additionally, annoying bugs and oversights in Coleco's SmartBASIC V1.0 are fixed: parameters are range-checked for all commands and functions; repeated error trapping does not crash the system; ERRNUM returns rational error codes; keyboard line buffer is 254 characters long instead of 128; control characters echo on the screen when typed; INSERT and DELETE keys replace ^N and ^O; the cursor is hidden unless waiting for typed input; LIST does not pad everything with extra spaces; LIST starts printing in column 2, so you can edit line numbers above 9999; the parser error reprint of a bad line starts in column 2; SmartBASIC V2.0 type parser errors - beep/sadface replacement of bad line; etc., etc., etc! Hardware is easily accessible now such as: Coleco ADAMLINK Modem; 64K up to 1,024K Memory Expanders; Parallel Interfaces; EVE/OBS RS-232 Serial Boards; M.I.'s M.I.B. 2; EVE SS/CC Clock; OBS Clock Board; Trisyd's SmartCLOCK; EVE/OBS 80 Column Units; 320K, 360K and 720K double-sided disk drives; Non-256K ddp's created with MegaCopy; Mini-Wini Hard Drive; PowerMate Hard Drive; and much more. THIS IS THE BASIC LANGUAGE INTERPRETER TO OWN! There are many different modifications available to date, but SmartBASIC V1.x offers so much more than every other version combined, plus enhancements will always be available for the lastest hardware! N.I.A.D. gives this version of SmartBASIC our highest recommendation especially for commercial programmers.

E. & T. SOFTWARE

● **BUSINESS PACK I V2.0 (D/DP) $18.95** SIX program package designed for a small business. Two programs for customer address lists, two programs for inventory control, one program is used to sort your address files, and one program is used to check your tapes/disks for bad blocks. SOFTFILER is used to create your address files, and SOFTMAILER II is used for printing. Up to 248 records per file. Use as many files as your business requires. Three categories can be used for special information such as phone number, ordered, shipped, etc. Records can be sorted by first/last name, or zip code (great for bulk mailing). If you have a tractor feed, records can be printed continuously. The other two programs are: SOFTSTOCK and STOCKPRINT, inventory control programs. Up to 400 records per file. Use as many files as your business requires. Keep track of stock number, description, quantity on hand, quantity on order, quantity sold, company cost, and retail cost. A total of your entire inventory is displayed for amount sold, amount on hand at wholesale, and amount on hand at retail. All inventory items will be displayed to the screen/printer, as well as only those that need re-ordering.

● **SOFTPACK I V2.0 (D/DP) $18.95** Contains the following programs: SOFTCHECK-Complete personal checkbook manager, handles Checks, Deposits, Atm's, and Interest Earned. Up to 500 entries per file.. CHECKBOOK TOTALIZER - This program uses files created with SOFTCHECK and gives you a total of any item you choose. All tax deductible entries can be totaled by just entering 'tax'. CHECKBOOK RECONCILER - Uses your CURRENT checkbook file and compares it with your Bank Statement. SOFTMAILER - You will never have to address envelopes or print mailing labels again. Create address files of up to 150 records. Print/display by first name, last name, or zip code. All programs are very easy to use through SmartKEY entry and contain printer output options.

EYEZOD GRAPHICS

● **BOLD GLORY (D/DP) $16.95** This is a full 158K collection of patriotic graphics files including: 40 American Flag clip-art letters and symbols; 46 miscellaneous clip-art graphics which deal with patriotic days of the year, caricatures, fireworks, the American flag, etc.; 8 alphabet sprite file sets that are made up of different patterns; 2 graphic sprite file sets; and 4 full screen files (2 of which make up a beautiful banner top). Best of all, full color is used in the graphics for those with color printers. All original work created exclusively for ADAM owners, using only ADAM equipment and software. No "imported" clips, PD files, repeats of graphics you've seen elsewhere. Although Bold Glory is designed specifically for use with PowerPAINT, the files are compatible with many other graphics programs such as The Print Works, The Label Works, Clipper, SpritePOWER, Swift Label PrintSHOP, Personal Calendar Utility, etc.

● **CHROMANTICS (D/DP) $16.95** A full 158K collection of graphics files for use with PowerPAINT and compatible programs. This is the first volume by Eyezod to contain graphics drawn by a third party, Tony Patterson, as well. Included are: 43 Chrome letter clip-art files, numbers and punctuation; a total of two Shiny letter and punctuation sprite files (these letters are useful in applications where the Chrome clips would be too large) with one file containing rounded edges like the clips and the other has sharper edges like serifs. Also included are 3 full screen pictures, one of which contains a beautiful rendition of an ADAM system with numerous hardware components that can easily be manipulated in PowerPAINT. Finally, a full page file is included which will be a big surprise.

● **POWERTOOLS (D/DP) $16.95** This is a must have package for use with Digital Express' PowerPAINT and compatible programs. The idea behind PowerTOOLS is to provide one with a variety of graphics tools which you will find useful from the moment you open the package, but which are also so flexible that they will continue to intrigue you for years to come. There are literally dozens of graphics files on this medium: 17 sprite set files (including three big "font" sets); 55 clip-art files (including a set of huge Gotham "font" clips); many versatile brush files; full screen pictures; three ".fnt" font sets (DelRio, Philly, and

Detail) and a Christmas Tree Construction Set. PowerTOOLS also includes a very informative instruction manual that details using all of the files and includes many useful ideas for getting the most out of PowerPAINT and compatible programs.
● **YULE TOOLS I (D/DP) $16.95** A full 158K of BRAND-NEW graphics files, including 15 sprite sets (480 individual sprites!), 37 clips (including a full alphabet of giant candy cane letters), and nine full-screen pictures (including a demo file showing some of the many applications of Yule Tools). All original work created exclusively for ADAM owners, using only ADAM equipment and software. No "imported" clips, PD files, repeats of graphics you've seen elsewhere. Although Yule Tools I is designed specifically for use with PowerPAINT, the files are compatible with many other graphics programs such as The Print Works, The Label Works, Clipper, SpritePOWER, Swift Label PrintSHOP, Personal Calendar Utility, etc.

FAST ED'S SOFTWARE

● **DEMONS & DRAGONS I (D/DP) $19.95** Text and graphics in an exciting adventure game. You go back in time to the good ole' days, make your own characters, buy your equipment at the post, run a maze, magic spells, monsters and a host of some of the most unique situations and beasts you will ever encounter in an adventure game.
● **DEMONS & DRAGONS II (D/DP) $19.95** The sequel to the ever popular D&D I adventure game. What's new: 26 new levels, 1300 new monsters, new defense spells, a host of some of the most unique creatures and encounters you will ever experience. Nothing like it for the ADAM computer. Requires DEMONS & DRAGONS I.

FUTUREVISION

● **AUTOAID (D/DP) $24.95** Major enhancement made to the SmartBASIC V1.0 program. Numerous bugs are fixed as well as the inclusion of a tremendous array of new commands and functions including: auto line numbering, function key definition - lets any key be equal to any string of characters, ability to turn on / off key clicking, caps lock feature, built-in printer buffer, improved useage of ADAM's sound chip, callable assembly language routines and well as immediate access of memory expanders (accesses up to 64K). So much more, you'll wonder why this version of SmartBASIC wasn't packaged with the ADAM.
● **VideoTUNES (D/DP) $24.95** The most advanced music composition program ever developed for the ADAM. Beautiful high-resolution graphic screens depict the empty sheet with treble and bass clef staffs for your musical score. Enter all types of sheet music or load one of the many included song files to hear what ADAM's sound capabilities really are. On the bottom of the screen are four octaves of piano keys which move into action along with the musical notes when the song is played. Options include the ability to change the speed of the music (in quarter notes per minute), the musical key of your song (it starts in the key of C), etc. Entry of notes may be accomplished via keyboard or joystick. If you are a musician or want to learn more about reading and understanding sheet music, this is a must program, one of the best programs ever developed for the ADAM.

GARY HOOSIER SOFTWARE

● **MEDIA HELPER (D/DP) $17.95** A super collection of utilities which are to be found no where else! Where File Manager V2.0, Backup+ 3.0 or Quickopy V5.0 leave off, Media Helper picks up and then some. Includes such utilities as: Compare - compares disks, data packs or programs; Search - search media or programs for text or numerical strings; Copy-allows for making mulitple copies easily; Cartridge Arranger - helps to manipulate cartridge files which have been copied to disk or ddp; Directory List - for displaying a list of directory contents with full attributes; Directory Sort - sorts directories alphabetically; Variable List - lists all variables used in a SmartBASIC program (handy utility for long programs which may have hundreds of variables used). So much more. This is a must have utility program which complements other utilities already available.

● **TAX HELPER 1991 (D/DP) $19.95** (Memory Expander Required) Having problems figuring out your taxes, well let Tax Helper 1991 do it for you. Supports the following forms: 1040, Schedules A, B, D, D-1, SE and U, Form 4137 and most others are supported, but no calculations are performed. Tax data may be saved to disk / ddp for later use. Printing of the forms / calculation results to the ADAM Printer, dot matrix printer, the screen or a SmartWRITER file. Tax data which is saved will be accessible by yearly updates of Tax Helper.

GERLACH FAMILY SOFTWARE

● **B&R HANDYMAN VOL. I & II (D/DP) $14.95** "How to Install a Suspended Ceiling": This is the first in a planned series of "HOW TO" programs which will aid the user in planning projects for around the house. The program is very simple to use and understand and also includes six graphic diagrams which may be displayed to simplify the construction process as well as the added feature of a parts list menu that may be viewed on screen or printed. "How to Install Outdoor Lighting": The second in a series of "HOW TO" programs which will aid the user in planning projects for around the house. The program includes six graphic diagrams which may be displayed to simplify the construction process as well as the added feature of a parts list menu that may be viewed on screen or printed.

HAL WEBER SOFTWARE

● **EL ESPANOL (D/DP) $15.95** A head-to-head tutor game. Build your Spanish vocabulary while racing to build condos in Miami. Words grouped by parse and lists are easily expanded. Choose smarts level (drill to fluent linguist) with printout for the serious achiever. DATA CHECKER program included which makes word lists creation easy.
● **FRANCAIS POUR LES CHIC (D/DP) $15.95** A head-to-head tutor game. Build your French vocabulary while racing to restore the Eiffel Tower and Notre Dame Cathedral in France. Words grouped by parse and lists are easily expanded. Choose smarts level (drill to fluent linguist) with printout for the serious achiever. DATA CHECKER program also included which makes word lists creation easy.
● **MATH MENTOR (D/DP) $15.95** Fun way for kids to master arithmetic by building hotels, cities, armies or by hunting elephants. The Wonderful Wizard of Wits relates how the Great Swami invented numbers and reveals all secrets in Beating the System. Four exciting games sharpen skills. Included are head-to-head drills: The Great Elephant Roundup, The Arms Race, The Banker and The Hotel. Pre-game coaching, practice drills and printouts are available for achievers.
● **MUSICPRO (D/DP) $15.95** Learn how to program music the fast way using simple basic machine language data and music maps. ENCODER PRINTSHOP, MUSICQUIZ and HAL'S HELPER top off a comprehensive course.
● **STATES RACE (D/DP) $15.95** Two candidates battle for electoral votes by learning the state capitals and their locations while marking the campaign tours on a map. Includes tutorial on HOW TO MERGE graphics, text and music and THE CABINETMAKER, a head-to-head game on the '89 Bush cabinet.
● **THE BILLY SAGA VOL. I (D/DP) $15.95** A compendium of Billy Storygames where you engage in Billy's battles to rescue the planet from the mistakes of mankind and attacks of his arch-enemy, Dirty Dan Diamond. Includes GRAND TREK, a hazardous journey via joystick, SPACE SHIP LAUNCH, THE DOGFIGHT and THE CANYON RESCUE.
● **THE BILLY SAGA VOL. II (D/DP) $15.95** Laters battles with Dirty Dan Diamond's crew. The launch mission leads to TUT'S GOLD, a perilous search in Tut's pyramid. Other adventures included are: THE OZONE HOLE, THE TERRORISTS and THE BATTLE AT REFINOC II.

HARRISON PRODUCTIVITY

● **ADAM MAP: U.S. ATLAS (D/DP) $17.95** (Memory Expander Required) This is a totally Z80, SmartKEY driven graphics U.S. Atlas program with printout functions for owners of dot matrix printers. All states are depicted in two different zoom factors the first being a full

screen depiction of the state displaying all major cities and the second being a blown up rendition of the state that displays all major highways, interstates, routes, etc. as well as all cities. This is intended to serve as an educational tool but will also come in handy for those frequent travelers. All states printout in two sizes identical to the on-screen depictions with options for printing to a 9-pin or 24-pin dot matrix printer. Provided on this media are the states of Illinois, Indiana, Wisconsin and Michigan.

● **ADAM MAP: STATES VOL. #1 (D/DP) $6.95** The first add-on volume of state files for use with ADAM MAP: U.S. ATLAS. States contained on this volume are as follows: Minnesota, North Dakota, South Dakota, Iowa, and Nebraska.

● **ADAM MAP: STATES VOL. #2 (D/DP) $6.95** The second add-on volume of state files for use with ADAM MAP: U.S. ATLAS. States contained on this volume are as follows: Montana, Idaho, Oregon, Washington, and Wyoming.

● **ADAM MAP: STATES VOL. #3 (D/DP) $6.95** The third add-on volume of state files for use with ADAM MAP: U.S. ATLAS. States contained on this volume are as follows: California, Nevada, Utah, Arizona, and Colorado.

● **MASTERING MUSIC (D/DP) $9.95** A SmartKEY driven demonstration program (looks like a Coleco original) showing what can be accomplished when one masters the complicated sound routines that are included in the EOS system. The included documentation files explain what each of these sound routines does and how to set-up each routine before CALLing them. The demonstration program contains 12 demo songs and 25 sound effects from Coleco software. This software is a giant step forward in the process of learning how to control and use the sound chip's capabilities.

HEXACE SOFTWARE

● **MEMDSK FOR SmartLOGO (D/DP) $10.00** (Memory Expander Required) For all those SmartLOGO owners who have been waiting for a ramdisk utility, the wait is finally over! This is an easy to install ramdisk patch for Coleco's SmartLOGO program that will allow SmartLOGO programmers to access their memory expanders as a ramdisk only.

● **P.A.L. (D/DP) $10.00** Personal Appointment Lister is a productivity / time scheduling package that will come in handy for those busy individuals as well as for people who always seem to forget important dates during the month or year. In order to simplify the remembrance process, P.A.L. allows for the creation of short reminder messages for each and every date in a month or year so that a schedule can be maintained on a day to day, month to month, or year to year basis. Examples of some uses would include birthdays, holidays, business appointments, personal appointments, sports events, and more. Support is included for the ADAM printer or a dot matrix printer.

● **SmartWRITER'S HELPER (D/DP) $10.00** This program allows you to use the SmartWRITER Word Processor, and without leaving SmartWRITER, switch to use either the ADAM Printer or a Dot Matrix Printer. You can also switch between a ramdisk and tape drive two. The other added help is, you can use disk drive two or tape drive one by switching back and forth too. This means that you have the use of two disk drives while in SmartWRITER or having to switch disks in one drive. Now includes the option to embed special printer commands for the Panasonic KX-P1080, 1080i, 1180 and 1180i dot matrix printers which are compatible with the Epson RX-80 standard. Change the type style, justification or alignment by placing embedded commands within the document (over 20 embedded command options are available and more can be setup custome for your printer by Hexace). Simply a must have program for people who use SmartWRITER extensively with a dot matrix printer. If you have a printer other than the ones listed above, please call before ordering.

IMAGE MICROCORP

● **BLACK GOLD (D/DP) $15.95** A board style game for 1 to 4 players. The computer simulates an oil deposit hidden beneath the surface of the earth. Choose a location on a map, geological survey can be printed. Probability, drilling costs, taxes, etc.

● **DIABLO (D/DP) $15.95** The game consists of tracks, panels, and a ball. Excellent graphics and sound support a maze-like and arcade-style game in one. This game demands substantial strategy, planning, and decisive control. Guaranteed to challenge and addict. Diablo offers a unique opportunity to combine strategic planning, quick thinking, and computer dexterity under pressure. It's a challenge you just can't miss.

● **THE STOCK MARKET GAME (D/DP) $15.95** A board style game for 1 to 4 players. The program is a model of the stock market. You can buy and sell shares. Four graphic displays (DOW-JONES, STOCK CHARTS, PORTFOLIO, and BIG BOARD). Great game if you know how the stock market works. Great educational game and tool to learn about the market.

LAS VEGAS A.U.C.

● **L.V.A.C. ARCHIVES I (D/DP) $9.95** Ten unique SmartBASIC programs which are of outstanding quality: SNAKE EYES - Graphic dice game, MATCH'EM - Concentration type game, LETTER MATCH - Mastermind with 3 levels, MORSE CODE - Learn morse code, CATALOG P/O - Create catalogs, COLOR POKES - Teach use of color with text, CARD TRICK - Cards are graphically displayed in text, I.Q. TEST - Measure your I.Q. accurately, TRIVIA GAME - Comes with 50 TV questions, TRIVIA MAKER - Create your own questions for use with Trivia Game.

LNS SOFTWARE

● **SmartGAMES PACK (D/DP) $9.95** Three arcade games roled into one package: 1. SPACE CHASE - 2 player space game, this is a fast action arcade style game, 2. TREASURE SEARCH - Enter the gigantic tomb of many rooms, ghosts, etc. Find the treasure if you dare! 3. MAZE ESCAPE - Over 1,000 mazes to find your way through against a timer.

● **ADAMTALK V1.1 (D/DP) $19.95** Excellent program for all who have the Eve SS-CC Speech Synthesizer/Clock Calendar. It is difficult and time consuming to construct the phonemes and allophones required to drive the speech synthesizer yourself, so let ADAMTALK do it for you. Includes demonstration files.

M & M SOFTWARE

● **M&M GRAPHICS (D/DP) $9.95** This disk is incredible! With over 106 graphics to choose from, it beats any graphics disk for you ADAM printer on the market by far. It has everything from an impressive SEMI to an adorable TEDDY BEAR. There's flowers to food, clothing to cutlery, animals to arrows. An on and on! Use it to design invitations, party hats, placemats and banners for your next party, etc. Create unique fliers or stationary. Let your imagination run wild with this extensive selection of graphic files for use with SignSHOP or NewsMAKER by STRATEGIC SOFTWARE INC.

● **M&M JEOPARDY QUESTION PACK (D/DP) $14.95** The best question pack available for use with Jeopardy (public domain program by Coleco). This question pack is fun as well as challenging and for those of us that don't spell to great, M&M SOFTWARE has made giving the answers easier than ever. For all you ADAM lovers out there, you might want to do your homework! Because with categories like ADAM BASIC and ADAM GAMES, this makes this question pack just for us.

● **SMILEY FACE: WHAT AN ATTITUDE! (D/DP) $9.95** If you thought that SMILEY was always happy... THINK AGAIN! M&M SOFTWARE has created a new and exciting way to express yourself. SMILEY has 70 surprising mood swings, from AGGRESSIVE to WITHDRAWN. You'll have fun finding ways to use these 70 unique clips. It's compatible with CLIPPER, PowerPAINT, THE LABEL WORKS, THE PRINT WORKS and any other programs which support clip-art files. One of the most original graphic packages ever developed. It's great!

M.M.S.G. SOFTWARE

● **COPYCART+ V1.0 (DP) $15.95** A super utility which allows for the

copying of cartridges for the Coleco / ADAM onto ddp or disk. Depending on the size in kilobytes of the games copied will determine how many games can be placed onto a disk or ddp. Fully menu driven and extremely easy to use. However, it does not support the 5 1/4" 320K or 3 1/2" 720K disk drives.

● COPYCART+ V2.0 (D) $19.95 The latest version of the popular cartridge copy program. Contains all of the features of COPYCART+ plus: Allows cartridges to be written to tape or ANY SIZE DISK, FORMATS Disks from within the program, user can specify volume size, EXPANDED directory on Target media, Single key cartridge selection from game controller. Copies full 32K cartridges, Uses standard directory entries for cartridge files (this allows game files to be transferred via a file copier), extensive error detection/reporting capability, formats and initializes disks from within the program as well as file deletion. Allows 44 - 16K cartridges on a single 720K Disk.

● EASY COME, EASY GO (D/DP) $15.95 Comprehensive savings & loan program. Have you ever wanted to know: How much financing a car or home really costs you, How changes in INTEREST, PRINCIPLE, or TERMS of a loan affect the monthly payment or total amount you pay? The effective interest rate when you re-finance a loan and pay points? The remaining principal on a loan so you can determine the payoff? The future worth of regular deposits in a savings account? The amount you would have to invest to make regular withdrawals in the future? The amount you would have to have to invest today to be worth the amount you want in the future? EASY COME-EASY GO can help you answer these financial questions and much more.

MAINE ADAM LIBRARY

● APPOINTMENT BOOK (D/DP) $24.95 An all in one small business application package which features a calendar planning utility. Now you can keep track of invoices, daily appointments, special notes to yourself and reminders of specific dates and times for meetings, projects due, etc. Also includes a memo writer for correspondence, and an instant phonebook all in one package. Completely compatible with hard drives and will also work with either the EVE / OBS clock or the internal version of the SmartCLOCK. Specify is you have a hard drive or clock and what type when ordering. Does not require a hard drive or clock.

● IBM CLIP-ART FOR ADAM VOL. I & II (D/DP) $14.95 This is a combination utility and graphics package that will allow for the use of 175 converted IBM clip-art files with PowerPAINT and compatible programs. Some 3,000 more converted IBM clip-art files are available directly through the developer, but the conversion utilities included in this package are required in order to use the other volumes that are available.

● ADAM GRAPHICS FOR IBM (D) $19.95 This is a three disk collection of ADAM and IBM utilities that will allow ADAM owners to convert their ADAM graphics files with "RLE MAKER" into clean R.L.E. files without the usual garbage characters that make them hard to filter. Once the R.L.E. file is created, it can be transferred to an IBM format file via The ADAM Connection, Modem or converted to a TDOS / CP/M file and then converted to IBM format with 22-Disk (none of which are included). Once transferred to the IBM format, files can be converted with "ICONVERT" into just about any IBM compatible picture file or through "RLE VIEWER" for indirect conversion. Note that access to an IBM compatible system is required for the full conversion process.

MR. T. SOFTWARE

● ADDRESS BOOK / CALENDAR (D/DP) $9.95 Keep track of the names, addresses and phone numbers of friends, relatives, business associates, etc. Contains fourteen books that will hold 150 names each. This also comes with a bonus program, YOUR COMPUTER CALENDAR, which will display or print a one month calendar.

● AUTOWRITER (D/DP) $14.95 This is a unique and exceptionally useful aide for the experienced programmer and a fun learning tool for the beginner. AUTOWRITER comes with a 19 page manual full of helpful information and complete instructions for using the software. Using ADAM's SmartKEYS, AUTOWRITER is a menu driven utility that writes machine code routines and basic sub-routines to a user

designated data pack or disk. It creates an "A" file that can be loaded and listed, then merged with an existing program, or used as a base for a new creation. An added feature is a comprehensive list of Pokes and Calls complete with useful suggestions, tips, fixes and enhancements for SmartBASIC V1.0. Instructions for using the PEEK, POKE and CALL commands and merging are included in the manual. This is a MUST HAVE for anyone who plans on programming in SmartBASIC.

● BASICAID V2.0 (D/DP) $9.95 Another BEST VALUE as reviewed by numerous newsletters. BASICAID installs new commands, macros, switches and loads of other features and basic corrections. BSAVE your programs easily in a fast loading format with the BIN command; CHAIN your programs together; and EXTEXT into a 40 column mode instantly. Recover 'h' type files, BRUN from any drive, put spaces in filenames, and enjoy 21 single keypress and control enhancements. Other features include: automatic random numbers; DATA and REM space bump correction; actual blocks left and used in CATALOG; help screen and complete instructions included.

● KID'S TRIVIA PACK I (D/DP) $12.95 Contains 1080 questions and answers in 6 categories. The program randomly selects one of the six categories for you and displays the question. Very nice graphics, colors and sound are used to make this a great game for those who enjoy trivia. Trivia lovers will love this one, it's GREAT. Geared towards the junior high school through high school student. Up to four players may compete against one another.

● MR. T LIBRARY (D/DP) $10.95 A media library and maintenance program which reads your data packs or disks and records the contents under one of eight categories for viewing or printing with the ADAM or Dot Matrix Printers. The library can be easily added to and edited and may be printed out by volume title or by programs in alphabetical order. Will also lock your files, clean your directories, rename your volumes and print labels. Each category will hold up to 40 volumes and up to 350 files.

● MR. T SEARCH (D/DP) $12.95 Enables one to produce magazine quality word search puzzles, solve them on-screen, print them and save them on data pack or disk. The program comes with 27 games and word lists ready to build, play or print on your ADAM or dot matrix printer. Mr. T Search displays an automatic timer, scans your drives for a medium, utilizes a 40 column screen and lets you SEE your puzzle being built. Hours of enjoyment for student or scholar, child or adult. One of the most sophisticated programs ever developed for the ADAM.

● MR. T SEARCH: GAMEPAK (D/DP) $9.95 Additional pre-made word search puzzles for use with Mr. T Search that contains games from 3 letter words to scientific and medical terms. A real vocabulary builder.

● TRIVIA PACK (D/DP) $12.95 Contains 1200 questions and answers in 6 categories: Music & Stage, TV & Screen, Times & Events, People & Places, Art - Lit & Science, Sports & Games. The program randomly selects one of the six categories for you and displays the question. Very nice graphics, colors and sound are used to make this a great game for those who enjoy trivia. Trivia lovers will love this one, it's GREAT. Up to four players may compete against one another.

MURDOCK GAMES

● PRO FOOTBALL (D/DP) $18.95 Pro Football uses stats from actual pro games, to create an actual simulation of a pro game. You call the plays from the sideline as ADAM executes the plays that you call. Program contains the following features: One or two players, demo mode, thirty-six plays, punts, field goals, kickoffs, sprites, sound, and full field view.

N.I.A.D. SOFTWARE / SERVICES

● ADAM 'FILER PROGRAM UPGRADES (D/DP) $4.00 Send in your original 'Filer program Disk or DDP to be upgraded. Latest versions of the Coleco 'Filer programs are as follows: SmartFILER R28D, Recipe Filer R17 and Address Book Filer R10D. These versions will work correctly with any size 5 1/4" or 3 1/2" ADAM floppy disk drives. Specify whether you wish to receive a 5 1/4" 160K disk version if you send in a data pack.

● DATA PACK CONVERSION TO DISK FORMAT (D) $4.00 Send in

your title card from your Coleco data pack to be converted to disk. Titles which can be converted are: Buck Rodgers, Donkey Kong, Donkey Kong Jr., Dragon's Lair, Zaxxon, Recipe Filer, 2010: The Text Adventure, Richard Scarry's Best Electronic Wordbook Ever (320K or 720K disk only), The Best of B.C., SmartLetters & Forms, CP/M 2.2 or any other software that you can't make a working copy of to disk. If you don't have proof of purchase, the original DDP must be mailed in as proof of purchase.

● **GRAPHIXPAINTER WITH GRAPHIXPIX I (D/DP) $19.95** This program is a graphics print utility for parallel dot matrix printers, which allows printing of ADAM's SmartBASIC screens (both High/Low Res), saving and loading graphic files/pictures and converting Run Length Encoded (RLE) digitized pictures to ADAM SmartBASIC Hi-Res graphics. A printer driver is also included which will allow you to generate graphics commands directly to your dot matrix printer. Picture file format compatible with PowerPAINT. GraphixPix does not require a dot matrix printer, but rather is a set of high resolution graphic display utilities. Save your High/Low-Res screen graphics. Utilities for converting SmartBASIC graphic screens to a file that can be read by PaintMASTER. This feature will greatly enhance the use of PaintMASTER.

● **INFOCOM CONVERSION to ADAM CP/M FORMAT (D/DP) $4.00** Send in your Infocom titles to be converted to an ADAM CP/M or TDOS format. Inform us whether to overwrite the original or to place the ADAM CP/M version on a separate Disk or DDP. The listed INFOCOM titles can be purchased at most computer stores in your area. We can convert: Zork I, II & III, Planetfall, Deadline, Starcross, HitchHiker's Guide to the Galaxy, Leather Goddess' of Phobos, Stationfall, Plundered Hearts, Ballyhoo and Seastalker.

● **TRIVIAPAK WORD SEARCH (D/DP) $9.95** Additional word search puzzles for use with Mr. T Search by Mr. T Software. Why spend the time making your own puzzles when someone else all ready has done the work?

PHOENIX 2000

● **PERSONAL CALENDAR UTILITY (D/DP) $19.95** (Memory Expander Required) Tremendous calendar creation program for the ADAM. Performs on-line calendar and calendar calculations. PCU has a variety of calendar printing options. For the ADAM Printer or a DMP, it will print a year at a glance hardcopy. For a system with a DMP and at least a 64K expander, it will print graphic calendars for any month. With the one month option, print a fill page calendar with room for automatic notes on dates , clip-art stamping, assorted typeface text entry, monthly events list at page bottom, multitude of graphic border choices. PCU will produce some dazzling graphic calendars and also allows for the saving of calendars in a PowerPAINT compatible format for further editing and printing options.

● **PITY (D/DP) $18.95** A colorful, graphic board pursuit game similar to the SORRY and TROUBLE boardgames. One to four players, ADAM can play too! Great fun for kids and the young-at-heart, good entertainment for the whole family. Uses a point-and-click user interface to make it a snap to learn how to play, even for youngersters. Sharp graphics and strong sound support make this a captivating game.

● **SUPER PARROT (D/DP) $14.95** The commercial version of the public domain program named Parrot. This colorful, SIMON-like memory exercise game uses a simple POINT-AND-CLICK interface. The computer flashes a musical note and a large color arrow on the game board. You, in turn, play the note back by tapping the corresponding arrow key. With each correct reply, one note is added to the sequence. Two play options: ADD-A-NOTE (continues the same sequence adding one more note) and NEW-NOTES (one more note each time, but a different sequence).

● **SWIFT'S LABEL PRINTSHOP (D/DP) $19.95** (Memory Expander Required) Written specifically for creating various sizes of hi-res graphic labels AND fancy text labels which utilize different character pitches and numerous other software commands that are in the firmware of most Dot Matrix Printers. Turn your system into a professional quality label generating machine. This package is the non-database label generating program for the ADAM. With two distinct design modes, text-only and graphics with text (three size options), you can create

impressive labels in various sizes quickly and easily. Comes complete with a number of additional clip-art, border and font files to be used in your own labels which are created in a WYSIWYG (What You See Is What You Get) environment with on-screen vertical and horizontal rulers. Text only labels can be printed on the ADAM printer, not graphic labels.

● **U-MATCH-EM (D/DP) $14.95** The commercial version of the public domain title EZ-MATCH. This one has several more options including the simple POINT-AND-CLICK user interface. Compete with a friend or play against ADAM. Players alternate turns flipping two tiles on an on-screen play board consisting of forty tiles. If the two objects exposed by lifting the tiles match, the matching objects and the two tiles are removed; also, the player wins a point and gets to select again. The player with the most points when all the tiles are removed is the winner. There are three sets of objects to choose from (Alphabet, Lines & Bars and Ordinary objects) and there is a board preview options. Is your CONCENTRATION goos enough to win?

PRACTICAL PROGRAMS

● **BASIC SYSTEM MGR. 3.0 with FASTRUN 2.1 (D/DP) $18.95** A neatly packaged set of improved and additional SmartBASIC utilities placed within a shell program. Main display shows current drive, free space remaining, volume name, system date and all directory filenames. Internal help screens, rename volumes, read protect or read enable files (password protect), recover files, change screen and border colors, delete or un-delete files, run SmartBASIC programs directly from the shell program, print catalogs or catalog labels, initialize or de-initialize, extensive error checking. Fastrun is used for storing your SmartBASIC V1.0 programs up to 4 times faster than using the "SAVE" command. The binary programs, made by Fastrun, may then be loaded up to 11 times faster than using the "LOAD" command. The ultimate utility package. Makes using SmartBASIC a dream come true.

REEDY SOFTWARE

● **ADDICTUS (D/DP) $19.95** Addictus is a game of skill requiring quick thinking, and is guaranteed to be different from anything else you've ever played on ADAM!! It sounds simple enough: Various moving shapes must be rotated and positioned to form solid rows. The game is easy to play and can be learned quickly. You'll soon find yourself mesmerized by this wonderfully rewarding game! With colorful, animated graphics and sound, Addictus is always new, always challenging, and always fun! This "puzzle in motion" gets it's addictive powers from the fact that it is extremely easy to learn but very difficult to master. Addictus also features pause, ten advancing levels, and recording of the top twenty scores. This habit-forming game is a must have package for all ADAM owners: Even those who thought they didn't like games! Addictus has received high praise from the entire ADAM community.

● **DRAGON: THE CHINESE CHALLENGE (D/DP) $19.95** "DRAGON: The Chinese Challenge" is a compelling strategy game for the ADAM inspired by the centuries-old Chinese game called Mah-Jongg, which requires you to clear a board of 144 layered tiles, by matching pairs. DRAGON is done completely in detailed, high-resolution graphics and uses sprites and sound. Also uses innovative ADAM features like a pop-up SmartKEY menu, Dialog Boxes, and complete keyboard or joystick control. This is sure to be a game that everyone will enjoy! You'll find every game completely engrossing and randomized!

● **LAB MOUSE (D/DP) $15.95** In this unusual game, you take on the role of a laboratory mouse stuck in a maze! The high-resolution 3-D maze is shown in first person perspective. Select from five skill levels. Every maze is different and the only way out is to find the cheese!

● **MAGE QUEST (D/DP) $15.95** This is a super graphic adventure by Brian Miguel. Using various spells, you must retrieve the nine Wards of Power that were stolen by the evil Enteon. Features include all high-resolution graphics, sound, nine challenging levels, pause, and much more! But the fun doesn't end when you complete the nine

levels: Mage Quest has the ability to utilize more levels in the form of Solo Adventures. Mage Quest is supported with two Solo Adventure Packs (see the Public Domain section of this catalog), plus Mage Quest comes with three Solo Adventures as a bonus! Using Mage Quest Construction Set, creative players can even create their own Solo Adventures!

● **MAGE QUEST CONSTRUCTION SET (D/DP) $15.95** This sophisticated package by Brian Miguel allows Mage Quest users to create their own Solo Adventures! Using a Macintosh-like arrow pointer that is controlled with the joystick, you can easily create monsters with the built in sprite editor (or choose from a library of ready-made beasts), create Wards, design the dungeon layouts, and more! You can even edit existing Solo Adventures. Your only limit is your imagination! Solo Adventures you create can then be played with Mage Quest!

● **PHRASE CRAZE (D/DP) $19.95** An exciting "Wheel of Fortune" type of game. Up to three players compete to figure out the phrase in each of the three rounds. All High-resolution, colorful, animated graphics and sound make this game great fun! There's even a Hall of Fame! Comes ready to play with hundreds of phrases. Has an option to utilize Phraze Packs which contain even more puzzles! Phrase Paks are available separately, plus you can make your own with the Phrase Pak Construction Set. Find out why Phrase Craze is many ADAM owners' favorite game!

● **PHRASE PAK I (D/DP) $12.95** This package includes more phrases for use with the very popular Phrase Craze game. Over 150 games worth!

● **PHRASE PAK II (D/DP) $12.95** This is a special "Show Biz" Phrase Pak. Includes over 150 games worth of puzzles for use with Phrase Craze that are related to the entertainment industry: celebrity names, movie titles, television shows, and more!

● **PHRASE PAK CONSTRUCTION SET (D/DP) $12.95** This program allows you to create your own Phrase Paks for use with Phrase Craze. The program is very easy to use and the instruction manual tells all you need to know to create your own Phrase Paks.

● **REEDY ENTERTAINMENT PACK (D/DP) $15.95** Each game uses arcade sound effects and colorful graphics. These one and two player games will provide you and your family with hours of fun. The following games are on this pack: CONNECT 4 - Fun and challenging strategy game that can be played against another player or against ADAM. Stack blocks on poles and try and connect four in a row vertically, horizontally, or diagonally. A very addictive game with colorful graphics and great sound. BLOCKADE - Breakout type game that requires fast reflexes, 1 or 2 player options are available with individual skill levels. Has a handy pause feature. SLIDE PUZZLE - Slide the panels of a puzzle until they're in the correct order. Graphics are in hi-resolution, and sprites are used for smooth animation. Movement can be done with the joystick or the arrow keys.

● **STAGE FRIGHT (D/DP) $15.95** This mammoth text adventure took humorous programmer Mike McCauley over two years to complete! You're an actor or actress trapped in an abandoned theater. Features include three levels of play, music, text animation, function keys for ease of use, saved games, and more! A real treat for the text adventure fans! Stage Fright Directory book available through Reedy Software.

ROGINSKY GAMES

● **LAS VEGAS CRAPS (D/DP) $16.95** Experience all the thrills that casinos in Las Vegas, Reno and Atlantic City offer without the worry of having to mortgage your house after a bad night at the tables. A terrific rendition of the craps table is displayed on the screen and you even see the dice role across the screen. Betting options include: point, pass line, don't pass, field, come, don't come, take odds, buy bets, lay, place a number, prop, any 7, any craps, hard 4 - 6 - 8 - 10, horn, 2 - 3 - 12 craps and 11. Creates a custom account for players to start with and will track this account from session to session. Created by a manager of a hotel casino in Las Vegas for the ADAM. Uses SmartKEY displays.

ROYAL AMBASSADOR SOFTWARE

● **BIBLE JEOPARDY (D/DP) $14.95** Modification of the original Coleco Supergame pack 'Jeopardy', which is a direct spin-off of the television game show that has become so popular around the world. Every aspect of the television show has been incorporated into the game and will provide for endless hours of fun and game play. This version's questions deal strictly with Bible related topics from the Old and New Testament. A tremendous learning tool.

● **ROYAL AMBASSADOR EDUCATION PACK (D/DP) $9.95** A collection of 10 SmartBASIC programs. Programs contained in this package include graphic design in low and high resolution with picture files, numerous song files, educational for recognition skills and math drill skills, scramble game dealing with the books of God's Holy Word and much, much more.

SEAMAN SOFTWARE

● **GROOVY GRAPHICS (D/DP) $14.95** A set of programs which use mathematical techniques to create graphic patterns. One can store the patterns in Run-Length Encoded (RLE) files to be used with other programs or you may print them to a dot matrix printer directly from the program. Includes: CELLS - An adaptation of John Conway's "Game of Life"; LISSAJOUS - a type of curve made by plotting points whose position in one direction is determined by a sine wave, and whose position in the other direction is determined by a different sine wave, usually of a different frequency and phase; IFS - this stands for Iterated Function System and is a technique for creating fractals. Allows for the creation of some interesting shapes and textures that can be saved and used in other paint program. Built-in help screens are included in each phase of the program.

STEVE PITMAN SOFTWARE

● **ADAM BOMB (D/DP) $19.95** (Memory Expander Required) You are captured by aliens and taken to their home planet, ADAM, where you must complete all 30 screens to return to Earth. On your journey, you must collect all the diamonds on each screen, avoid traps!, collect keys to open locked doors as well as collect bombs to destroy brick walls for when the going gets tough. Any of the objects (including walls and boulders) are hidden under grass until you run into them. Tremendous graphics, sound effects and game play make this one of the best games ever developed for play on the ADAM, and if that isn't enough and you survive all 30 screens, you can design your own sets of 1 to 30 screens with "BOMB DESIGNER" which is also included. Now includes the ability to start at any of the 30 levels.

● **BRAINSTORM (D/DP) $16.95** Seven different shaped blocks fall down the pit, one after the other. The object of the game is to keep the blocks from piling up to the top while collecting letters to help you solve the phrase at the top of the screen. This is done by moving the blocks left or right with the hand controller and rotating them clockwise with the left fire button as they fall. If you can completely fill in one horizontal line, that line disappears and the rest of the puzzle moves down, if you complete a line with a letter in it that is used in the phrase, that letter will appear in the phrase. You can also make the shape fall faster and pause the game. There are 25 stages, 4 skill levels and three categories (Normal Phrases, TV and Movie or ADAM related phrases) to choose from. Each category has hundreds of phrases and every time you play, ADAM will keep track of the phrases you have used so that none of them will be repeated until you have used them all. Two separate games are included: GAME A is the ADAM version of TETRIS rolled into a Wheel of Fortune game and GAME B is the traditional rendition of TETRIS without phrases. AWESOME!!

● **DINOSAUR DIG (D/DP) $16.95** (Memory Expander Required) The exciting new game show where you compete against Adam or another player. The object of the game is to find dinosaur bones and build a Tyrannosaurus Rex! Win money! Buy land! The dinosaur will be pieced together as each bone is found. Use strategy on the land screen to win one the eighty-one squares of land available before the computer does. And if you stop the spinner on DIG on the game board, you get to actually dig in any of the squares of land you own. The game has colorful hi-resolution graphic screens, and Coleco-like SmartKEY Menus. ADAM plays a mean game!

● **GHOST ZAPPER (D/DP) $11.95** (Memory Expander Required) This is a fast paced shooting game where you are in a haunted house and you must clear the house of all the ghost's and other assorted demons which peek in windows and around the corners. You start each screen with five Ghost Zappers, each ghost or demon that gets away will cause the lose of one Zapper. You must clear several rooms in the house and the graveyard in order to reach the bonus screen where you must shoot the four ghosts on the screen which are concealing the letters of the word "ADAM" behind them, IN ORDER! Includes a Hall of Fame for storing the best scores.

● **MIND OVER ADAM (D/DP) $11.95** Based on the popular game "MASTER MIND", with high resolution graphics, animation and sound! You play against Adam and have 8 chances to figure out the four color pattern Adam has hidden. You must have the correct color and position of the color in order to win. You are given points for each correct guess and bonus points for each level completed. You must complete all five levels to beat Adam. The top eight scores are entered into the Hall of Fame using a tremendous rendition of a Ouija board.

● **RoboTHIEF (D/DP) $19.95** A visiting alien from the planet ADAM needs your help! He ran into another visiting alien from the planet NES, and was robbed as well as put under a spell! You are in control of three robots aboard the enemies ship, use them to steal everything back so that the ADAMite can return to his planet. It won't be easy, it will take a lot of skill as you simultaneously manuever three radio-controlled robots through 30 screens while avoiding walls, security alarms, disintegrating slime blocks, collecting $1, $5 and $10 bills, dropping bombs to expose crystals hidden in the floor, avoiding or using RoboFreezers, using strategy with the arrow-blocks, and all within a certain time limit. There are also many warp doors that you can use to skip ahead or back in the game, but you must figure out how to use them first. Also includes a Pause feature and Password feature which allows one to start on any level which has previously been completed already. Great graphics and sound effects compliment this tremendous strategy challenge throughout all 30 screens.

STRATEGIC SOFTWARE INC.

● **SUB RAIDERS (D/DP) $24.95** This is more than a game, it's an authentic high resolution graphics World War II submarine combat simulator with actual 3-D perspective. Brilliant real-time animated graphics. Five skill levels. Enemy and allied positions continuously calculated and updated. Enemy commanders will actually analyze and react to various combat situations. Five different classes of enemy warships. Magnified and normal-view patrol area quadrant screens. Forward periscope control room view. Fully functional radar screen. Cross section damage report screen. Includes islands, sand bars, depth charges, torpedoes, diesel or electric power and amazing sound effects.

TC SOFTWARE

● **ADAMCALC & LINK II PATCH (D/DP) $9.95** This is a SmartBASIC program that will patch a COPY of your ADAMCALC program and allow for the output to your high speed dot matrix printer and also a patched version of ADAMLINK II which will allow the use of your dot matrix printer directly from the program.

● **ADAMLINK V (D/DP) $24.95** Greatly enhanced version of the public domain program ADAMLINK II. ADAMLINK V now provides for the transmitting or receiving of machine language files such as games, CP/M files or "bsaved" SmartBASIC programs. Now you will have XMODEM capability, which all major BBS's support. Other enhancements which have been made are full support of any modem attached to the ADAM: 300 baud internal or 300/1200/2400/4800/9600 baud external Hayes compatible modem attached to the ADAM through a Serial Port (supports the EVE/OBS or Micro Innovations style serial interfaces); speeds up to 19,200 when transferring between two ADAMs; compatibility with 80 column units for a full 80 column text display or retain standard graphics display with SmartKEYS without the 80 column board (one may also direct output to two monitors at the same time using both viewing modes); on-line viewing of R.L.E. (Run-Length Encoded) picture files; Keyboard Macros; ability to display catalog listings of disks or data packs; ability to use any ASCII character in a filename (up to 10 characters long); correct operation of the capture text operation; and compatible with the standard ADAM Printer or a dot matrix printer attached to the ADAM via a Parallel Interface.

TCR SOFTWARE

● **LABEL MAKER DELUXE (D) $9.95** This is a simple, but very powerful labeler program that also functions as a database. It allows for the creation of a 90 record database with each record capable of holding 10 different fields that are user definable, full edit features of any record and category, ability to change a categorie's name, full sorting ability of all categories with user definable search criterion and dot matrix printer support. Complete flexiblity of what fields will be printed as well as how they will be printed and also supports 8 1/2" x 11" label sheets which contain three labels across.

● **SuperBASIC PLUS (D/DP) $9.95** The one SmartBASIC V1.0 modification that you will not want to be without. Once you have used it, you will never go back to any other version of SB V1.0. 100% compatible with V1.0; numerous bugs have been fixed that were in V1.0 including the DATA and REM spacebump; dot matrix printer support has been added without the need of a patch program; support of any size memory expander with the RAMPOKE command (like the 'POKE' command); Window command for splitting up the screen with free-flowing movement of text inside the window; incorporation of function keys into control codes (IE: Control-C is now ESCAPE, Control-S is now WILD CARD, Control-O is now DELETE); special command for handling sprite movement that bypasses the need to continuously poke new sprite attributes; screen color commands to change text, border and background colors without having to 'POKE' in new values; sound command for accessing the sound chip. Eight new commands in all that make programming a dream come true in Basic. This is what Coleco's version should have been. A virtual dream come true for the Basic programmer!

WALTERS SOFTWARE CO.

● **ADAM'S DESKTOP (D/DP) $24.95 (CART) $39.95** (Memory Expander Required) Brings a new modern way for ADAM users to use their computer. The EOS operating system that every ADAM contains was in fact one of the first graphic operating systems available for any home computer. Take a look at SmartWRITER, it sure contains a lot of graphics, and all done with the EOS operating system. ADAM'S Desk Top uses a modified EOS operating system to bring you a graphics desk top program to make your ADAM work better for you. Options include ramdisk setup, init and reset; Standard ADAM operating system with or without dot matrix printer support, SmartDSK operating system; SmartWRITER setup with ramdisk and dot matrix printer; Boot tools that allows you to boot almost any program from the ramdisk; A media can now contain as many bootable programs that there is room for; Copy tools that will backup a larger drive to a smaller drive by using more than one media; Quick ramdisk load and save options, and more. This is easily the most advanced set of utilties compiled for the ADAM and should be a part of everyone's system, especially on cartridge.

● **ADAM'S TOOLKIT (D/DP) $24.95** This is a collection of widely used editing functions that have been combined into a very professional SmartKEY driven Z80 program. Included with this program is the SmartDSK Operating System which fixes many of the bugs in Coleco's O.S. as well as ramdisk support. The main features include: Zero, Format and Initialize media options; ASCII and Decimal Editors that can be used to edit other programs or files with up to a 32K buffer (the Decimal Editor also includes such advanced options as Move, Copy, Search and Delete); and finally a Block Copy option that can be used to make backups. Support is included for owners of dot matrix printers as well as the ADAM printer.

● **BordersPLUS (D/DP) $10.95** This package is designed to be used with 'The Print Works'. Includes twelve new custom borders, plus bonus fonts and clips. Great addition for the 'The Print Works'.

● **CLIP-ART VIEWER & CONVERTER (D/DP) $24.95** A terrific utility

which aids in converting, cataloging, and viewing clip-art pictures with your ADAM computer. With this program one can view and print a clip-art by selecting it from a catalog. You can view an entire media automatically, and select the display speed. Will also print a catalog of all the clips on a media. You can also convert IBM PrintSHOP and PrintMASTER clip-art into ADAM clip-art (as long as you have an IBM with a 5 1/4" 360K disk drive, an ADAM 5 1/4" disk drive and The ADAM Connection by White Co.). Converts 2K clips to 1K, and 1K clips to Print Works clips. The SmartDSK ramdisk is also available to save time and drive access.

● **COLECO GRAPHICS PROCESSOR (CART) (D/DP) $39.95** Coleco's graphics design utility (AKA: Project Name by Line) which was first only available on disk or ddp in the public domain. The cartridge version does not require a memory expander to use, unlike the disk or ddp versions. Also, the cart version includes the option to capture graphic game screens from supergames, cartridges (which have been copied to disk/ddp) and numerous other ADAM software programs. The disk/ddp version can't perform this screen capture. This program was used to design the Coleco supergames and some of the later cartridges. A conversion program and instructions are available on the 'Coleco Graphics Processor' disk or data pack version that is included.

● **DECIMAL DISASSEMBLER (D/DP) $19.95** This is a Z80 disassembler that will disassemble programs into an easy to read decimal code. Choices include the ability to disassemble from memory or a media. Options include offset, printer device, data print type, and much more. Also, a manual disassembly is available that lets one start a disassembly where they want in memory or from a media.

● **E.O.S. PROGRAMMING KIT (D/DP) $29.95** This kit is intended to help ADAM programmers get started in using E.O.S. (the operating system built into ADAM). Routines for SmartKEYS, file cards, key sounds, plotting, fill, routine examples, E.O.S. setup, file loading routine and many more are all discussed in the manual.

● **FAMILY FEUD QUESTION PACK (D/DP) $10.95** Contains new questions for 26 more FAMILY FEUD games. REQUIRES: Family Feud game from Coleco.

● **FAMILY FEUD WRITER (D/DP) $10.95** This program allows you to create your own FAMILY FEUD question packs. Just type in your own questions and answers. Easy and fun.

● **FORMATTER III (D) $9.95** This is the most comprehensive disk formatter ever written for the ADAM computer. The features include: Can format disks in one or two drives at the same time, Automatic detection of drive size, eliminates manual setting, Use any combination of drive sizes (160K, 320K, 720K and 1.44Mb), Verify option include - read, write, and both read and write, Custom volume names can be used, Initialize option for disks, volume name and catalog amount, Disk status feature, System status checks drives on-line and system size, 100% machine code program with their SmartDSK operating system. Choose one of five screen colors with graphic SmartKEY display, Uses dialog boxes for messages, First ADAM program to use dialog boxes. A disk drive is REQUIRED.

● **JEOPARDY QUESTION PACK (D/DP) $10.95** Package contains questions for 26 great JEOPARDY games. Public domain JEOPARDY game is REQUIRED.

● **JEOPARDY WRITER (D/DP) $10.95** Create your own JEOPARDY question packs. Just type in your own questions and answers.

● **LIBRARIAN (D/DP) $10.95** Will read the file names from a disk or data pack and store them on a media that SmartFILER can read. Search for file or volume names, room for comments and over 700 files in the SmartFILER database which is created. Requires SmartFILER by Coleco.

● **MisSPELLER (D/DP) $9.95** This is a complete misspellers dictionary, to be used with SpellingAID. MisSpeller contains over 15,000 of the most common misspelled words, in both SmartWRITER and SpellingAID files. You may use the files as is or create your own custom dictionaries.

● **SmartBASIC V1.1 CART (CART) $29.95** Tired of waiting for SmartBASIC to load up, especially from data pack? Well, here is the answer to that long wait. Your favorite version of the Basic programming language can be supplied on cartridge. Simply plug the cartridge into the ADAM and pull the <CARTRIDGE RESET>, basic is loaded up instantaneously! Any version of basic can be supplied from:

SmartBASIC V1.0, French Basic, etc., except for any version of SmartBASIC V2.0. For commercially copyrighted versions of basic, the original data pack or disk will have to be mailed into us as proof of purchase (IE: SuperBasic Plus and Superior Basic). Remember to inform us which drive should be setup as the default drive to search for a HELLO program. The ultimate time saver! Not only can SmartBASIC be setup on a cartridge, but any program that is 32K or smaller in size. Call for details on other programs that can be configured on cartridge.

● **SmartWRITER ELITE (D/DP) $19.95** This is a major enhancement for the SmartWRITER Word Processor that is built onto each and every ADAM. Enhancements allow for the use of disk drive #2, a ramdisk, 9 or 24-pin dot matrix printers with the ability to use embedded printer codes to change type styles, ability to change drive and printer options while using the SmartWRITER program, the one and one half line spacing bug has been fixed, and much more. Also, a patch program is included to allow the user to customize the embedded printer codes themselves.

● **SpellingAID (D/DP) $19.95** This is a super spelling checker. It works with a standard ADAM system or with any size memory expander installed (up to ONE MEG), the larger the expander the more words you may have in the dictionary. With a 512K expander card, a 40,000+ word dictionary can be used. Over 12,000 words are included for a standard ADAM system. Select from 5 different colors for the work screen, add, modify, save and load dictionaries. Check, modify and change words in your files. Checks SmartWRITER, SpeedyWRITE, MultiWRITE, and standard ASCII files. Uses SmartKEY display at the bottom of the screen.

● **THE LABEL WORKS (D/DP) $24.95** Give your labels that professional look with 'The Label Works'. Include a clip art picture with standard size mailing labels. Four type styles are available: elite, italicize, compressed, and expanded. Text and clips are double striked, giving them a bolder look. The work space can hold 200 standard size labels and can be saved to tape/disk. Use as many files as you need. A special feature lets you mark labels in the workspace to be printed. Edit and print labels in the work space. Custom label entry features up to 10 lines with 40 characters per line. This is a 100% machine code program with the SmartDSK Operating System and a ramdisk (allows the use of a memory expander as a high speed drive). An EPSON compatible 9 pin dot matrix printer and parallel interface are REQUIRED.

● **THE PRINT WORKS (D/DP) $24.95** This is a print shop program for the ADAM and a dot matrix printer. Design banners, letter heads, greeting cards, signs, and more. Utilities include: transfer options to move system files, fonts, borders and clips to the ramdisk (if you have a memory expander), config clips and fonts to use with the Print Works. Fonts and clips can be three sizes; regular, two times, and four times the regular size. Overlay borders and clips with text, even overlay text with other text. Use up to 77 different, regular size clips on a sign. Mix different sizes and styles of fonts, all characters are used, even in the larger fonts. Displays clips, fonts and page layout. Several custom clips, fonts and borders included. Graphic SmartKEY driven, requires one drive, parallel interface and a dot matrix printer. To use the ramdisk option, a memory expander is required.

● **THE VASE OF TURR (D/DP) $19.95** Search for the sacred Vase of Turr in an under ground maze. As an adventurer you must unlock the mystery of the vase, but act fast or someone might solve the mystery before you. Make sure your flashlight is in good shape because you never know what you might find in the caves. 100% machine coded program with on screen graphics, background music, sound effects and Coleco graphic SmartKEY display. If not the most advanced and toughest adventure game ever developed for play on the ADAM, it is close. Also, allows for the saving of games in progress for later play.

WHITE SOFTWARE CO.

● **ADAM CONNECTION (D/DP) $24.95** (IBM Compatible Program) Convert ADAM files to IBM files: Fully convert SmartBASIC files to IBM ASCII text files, Fully convert SmartBASIC programs, data to ASCII text files, Convert SpeedyWRITE V1 or V2 text files to ASCII text files which can be read by most IBM word processors, Transfer any binary file, Rename, delete, and get status of any ADAM file from the IBM, change status of any file (protected, deleted, etc.). Format any single or

double-sided disk for use on the ADAM on the IBM (in 1/4 of the time it takes an ADAM), Copy single or double-sided ADAM disks on the IBM. REQUIREMENTS: IBM PC or compatible with: MS-DOS or PC-DOS Versions 2.0 or higher, 360K 5 1/4" floppy disk drive, Coleco ADAM with 5 1/4" disk drive (single or double-sided). Avoid the hassle of modem transfer, do it all on the IBM super fast.

● SpeedyWRITE 2.0 (D/DP) $39.95 The most advanced word processing program yet available for the ADAM. Written in fast machine language, SpeedyWRITE V2.0 offers all the functions contained in SmartWRITER, as well as features found in more expensive word processing programs for other computers. Containing more than 100 features, the following is but a brief list: 40 column screen display, 10-12 double spaced pages allowed in one file, change screen colors, insert text, move/copy, delete text, underlining, justifications, centering, headers/footers, search/replace, create macros, split screen (view two parts of your document at the same time), re-print page command, skip to any page, multiple margin settings within a document, multiple line spacing within a document, subscripts, superscripts, automatic indentation, auto page numbering, multiple columns, rename/delete files, init the media, screen review (see just how your document will look like when printed), convert existing SmartWRITER documents into SpeedyWRITE format, and so much more. Plus: On-line dot matrix support, continuous printing, Ram Disk support (will use available ram as a Ramdisk), Will also use a memory expander as a Ram Disk (this will allow you to store files directly on the expander for almost instant access), file handling routines have been improved, wild cards can now be used for file access, up to 10 help screens are stored on the ram disk, insert control codes to change the type styles used in printing (dot matrix printers only), install up to four config files to be auto-loaded, and much more and a Pocket Database! The ultimate in word processing on the ADAM, so much that is new, it would take pages to describe. If you are doing any writing, this is the only word processing program that you will ever need with your ADAM. The equivalent of the IBM compatible Word Perfect for us ADAM owners.

● SpeedyWRITE SPELL (D/DP) $24.95 (Memory Expander Required) Full dictionary with over 10,000 words and a full thesaurus with over 5,000 words. This spell checker runs very fast - it remains in memory along with SpeedyWRITE V2.0 to create the ultimate in word processing power on the ADAM. Please note that SpeedyWrite Spell is for use only with SpeedyWrite V2.0, it will not work with SpeedyWrite V1.0 or any other ADAM word processors.

WIZARD'S LAIR SOFTWARE

● SCHOOL DAZE (D/DP) $16.95 This is the second in a continuing line of educational packages. School Daze offers three programs: MATH DRILL, which allows for the drilling of addition, subtraction, multiplication and division problems from math tables 0 through 12. MATH CLIMBER, has the gamer climbing a castle wall while answering random mathematical equations. Answer the equation correctly and our hero will climb up a rung on the ladder, answer it wrong, and he/she will slide down a rung. ADAM SUPPORT, a compilation of names, addresses, phone numbers and descriptions of over 60 known ADAM support firms across the U.S. and Canada, which is presented in database format. Print these addresses out on the ADAM printer or a dot matrix. School Daze uses PowerPAINT high-resolution screens and sprites to create a pleasant atmosphere for the child to work in along with SmartKEY menus for choosing options. This is one program your child should not be without!

● WIZARD'S PINBALL ARCADE (D/DP) $14.95 This package contains 17 GREAT PINBALL GAMES! Created by an artist using PINBALL CONSTRUCTION SET, these games took hundreds of hours to complete. The following GREAT games are included on this package: AVALANCHE, ACES, ROCK'N ROLL, TILT, WHAT'S UP, SKYCASTLE, PARALYZER, LOST VEGAS, REBOUND, THE EDGE, BARON, SLICK, GRANDSLAM, ENDURANCE, BUMPERCITY, NOVA and TRIAD. These are some of the finest pinball games that have yet to be created for the ADAM. This package comes on two disks or one data pack and is auto-loading. The Pinball Construction Set (public domain program by Coleco) is not required, but can be used to modify the pinball games.

ADAM BOOKS
(D) = 5 1/4" DISK, (DP) = DATA PACK

ADAM NEWS NETWORK

● E.O.S. PROGRAMMER'S MANUAL (BOOK) $11.95 This 115 page programmer's manual by Guy Cousineau is an in depth study of the benefits of machine language programming, the E.O.S. structure, and memory configuration. The greater part of the manual, however is devoted to the explanation of E.O.S. routines. Not all routines in the E.O.S. are covered due to them being incomplete or non-implemented and to avoid confusion for the reader. It is intended as a reference tool for the machine language programmer, whether beginner or advanced. The manual is broken up into the following sections: E.O.S. Structure, Memory Usage, E.O.S. Routines (executive calls, console output, printer interface, keyboard interface, file operations and I/O, device operations and read/write block, video RAM management, game controllers, sound routines and subroutines), E.O.S. Data Tables, Error Codes, Memory Banks, Device Control Block Structure, File Control Block Structure, and File Manager Structure. As a way to test your understanding of what you read a sample program listing is included in Assembly (fully documented) and also in HEX code.

● THE OFFICIAL A.N.N. ADAM SURVIVAL GUIDE (BOOK) $24.95 This 240+ page guide is what belongs in the hands of every ADAM owner. Not only does it contain listings of software, hardware and supplies that are available for the ADAM, but it also contains lengthy listings of ADAM mail order firms from which to order these products from. Other areas of ADAM usage that are covered in detail include listings of ADAM Users Groups and Newsletter publications, introductions to such uses as: SmartBASIC, CP/M 2.2, TDOS, Graphics Design with PowerPAINT, etc., etc., etc. And for those who are new to the ADAM, there are sections devoted to what has transpired in the past dating all the way back to the initial production of the ADAM that was written by a former Coleco employee! So much more that it will take weeks to read through and you will want to keep it on your computer desk for quick refernce.

● THE OFFICIAL A.N.N. ADAM GLOSSARY (BOOK) $4.95 This 30 page glossary is the perfect addition to any ADAM owners collection. Never again will you have to wonder what a specific ADAM computer term means. If you see a word you are not familiar with, pull out your glossary and look it up. From A to Z there are nearly 400 computer terms listed with full desciptions of what they mean!

ADAM'S HOUSE

● BASIC PROGRAMMING TUTORIAL (BOOK) (D/DP) $14.95 A terrific series of tutorials and program listings that walk the beginning SmartBASIC programmer through the many different phases of programming in Coleco's implementation of the popular Basic Interpreter. This is truly a must have for those who seriously want to learn to program or even for brushing up on your programming skills. If you have had difficulty in understanding Coleco's SmartBASIC manual or don't have the Coleco manual, this book is a must have.

AJM SOFTWARE

● T-DOS V4.x OWNERS'S MANUAL (BOOK) $4.00 The complete T-DOS Operating System Manual in printed form, 47 pages in length. The contents of this manual are provided as an ASCII file with the T-DOS program if you wish to print it out yourself.

COLECO ELECTRONICS

● THE BEST OF ELECTRONICS ARTS MANUAL (BOOK) $4.00 The original 41 page owner's manual from Coleco for the "Pinball Construction Set" and "Hard Hat Mack" supergame pack that is P.D.

DIGITAL EXPRESS INC.

● EzREF 101, 102, 103 (BOOK) $9.95 Approximately 700 Z-80 instructions listed in Numerical sequence and Alphabetical sequence. Decimal, hex, op code, and operands. Good for disassembling machine code routines in SmartBASIC. Includes a study of ADAM's EOS jump table vectors, routines, setup for CALLs, exit register meanings, plus several assorted tables that have appeared in the Nibbles & Bits newsletter. A total of 40 information jammed pages.

HARRISON PRODUCTIVITY

● ACCESSING VRAM (BOOK) $12.95 A detailed explanation of the Video Display Processor (VRAM) covering 15 pages which explains how to set-up the two easiest and most used graphic modes (GM 1 & 2). Each of these graphic modes outlines the PATTERN, COLOR and NAME tables as if the programmer is accessing VRAM in SmartBASIC. There are charts showing how to position your image in the NAME table and charts showing how to design your own bit mapped images. Examples are given not only in discussion, but also in SmartBASIC and Z-80 program code.

HINKLE PUBLICATIONS

● HACKER'S GUIDE TO ADAM VOL. I (BOOK) $11.95 Detailed look at the operation of the Coleco ADAM Family Computer System, hardware and software. Operating system routines are identified and instructions given to use them to control the data and disk drives, printer, video, sound and keyboard. Printout of the expansion connectors are given for your own hardware projects. Z80 assembly language is described. Numerous utility program listings included.
● HACKER'S GUIDE TO ADAM VOL. II (BOOK) $11.95 The second in a series of in-depth studies of the Coleco ADAM Computer. This is a must for every serious ADAM owner's library especially if you program in SmartBASIC! It continues with more of what's is in the first book plus new material. Basic overview, zero page, keywords, math routines, basic commands, screen and data/disk drive routines, schematics, etc. Numerous utility and demo program listings included.
● HACKER'S GUIDE TO ADAM VOL. I & II PROGRAMS (D/DP) $5.00 Contains all the programs which are listed in both volumes of the Hacker's Guide books all ready to use. Save yourself countless hours and headaches by not having to type in the programs yourself.

MAINE ADAM LIBRARY

● ADAM PROGRAMMING GUIDE (BOOK) (D/DP) $15.95 This is not an average guide to the ADAM. Included within the pages of this guide are many useful functions for the ADAM programmer, or programmer to be. Broken up into six sections, this guide covers: implementing graphics and text on the HGR or HGR2 screen; making and using sequential and random access files; lists of Pokes, Peeks and Calls with explanations of their functions; the three part series of EZ-REFERENCE GUIDES by Soloman Swift of Digital Express that explain the functioning of the Z-80 machine language using decimal, hexa-decimal and mnemonic listing format as well as a listing of addresses which perform some function within the ADAM's command table with short explanations; table of ASCII values; a short glossary of terms and words used in conjunction with the ADAM; and an error code listing. So much more that even the professional programmer will find it useful as a quick refernce.

ROADRUNNER PUBLICATIONS

● FROM BASICS TO BASIC WITH ADAM (BOOK) $19.95 A beginners look at a computer. Follows the development of the modern computer, and in the process, develops the solutions to the problems which the scientists faced. The reader will finish this book with an understanding sufficient to allow him to begin to program computers in the language of the machine. He may then be classified as a beginning

'HACKER'. Contains thorough explanations of the number systems used in the computer and why they are required, the makeup of the microprocessor and how it works, the way the are used, the RAM's and ROM's and how they work with the microprocessor, and illustrates the use of the machine language instructions in writing a program and submitting it to the microprocessor.
● LEARNING TO DRAW WITH ADAM (BOOK) (D/DP) $24.95 The first of two volumes which will deal with graphics in general. It teaches one how to address the video screen via the Z80 microprocessor in all of the four standard modes of the ADAM VDP (TI-9928), which Coleco purchased from Texas Instruments. The discussion is ADAM and Z80 oriented, but in general, VDPs can operate with a large variety of host microprocessors. The reader should finish this book, 161 pages in all, not only with a good understanding of how the VDP works, but with considerable practice in it's actual use through the use of the included exercises and the demonstration programs which are included on a disk or data pack.
● LEARNING TO READ WITH ADAM (BOOK) $24.95 A discussion of machine language instructions, some specifically, and a great many generally as the author develops the disassemblies of all that transpires after the reset button is activated. The disassemblies are detailed and discuss many of the more curious aspects of several of the machine language instructions as they are being used in the Operating System of the computer. The object is to study how professional programmers have used the instructions, with a view toward having the reader become more familiar with the usage thereof. The initialization of the Operating System is disassembled as it refines itself; and then the initialization routine searches for a media to 'BOOT' into RAM. At this point the author assumes that the media contains SmartBASIC, and the whole process of booting that program and loading it into RAM, and then jumping to it's operation is followed. The complete set of machine language instructions are printed, but without specific comment on each, other than those used in the disassemblies. The unique feature of this listing, is that the decimal equivalents are given. No other known work provides these decimal values which are essential to the entering of machine language programs into RAM via SmartBASIC; the most common form of machine language entry for the beginner. More examples of how to enter machine language programs are given, with the idea of promoting the direct use of existing subroutines in the Operating System by the reader.
● LEARNING TO WRITE WITH ADAM (BOOK) (D/DP) $24.95 Assumes that the reader has either become familiar with "From Basics to Basic" and "Learning to Read with ADAM", or has become familiar with that information in some other fashion. It discusses the manner in which a write to media operation is performed by some computers in general, and ADAM is particular. Among the items discussed are the memory mapped ports versus standard IN/OUT ports, and how they are used to input and output information. Device control blocks are explored in more detail than before, with instructions on how to format a media and write to or read from a media using the Basic language. Many of the more advanced features of the ADAM's ability to communicate with mass storage are shown, and more of the implicit features of the Master 6801 are discovered. Included are a number of demo programs that are listed in the book as well as on medium. A total of 112 information jammed pages.

WALTERS SOFTWARE CO.

● MacADAM MANUAL (BOOK) $19.95 An enlightening 72 page manual that aids the user of the public domain program MacADAM with simple, step-by-step, methods of programming macros. That goal will continue through out this edition, in hopes that this manual will help those interested in Assembly Language, to explore and expand this interest. The subroutines and programs in this manual, for the most part, are intended to introduce the new assembly language programmer to some methods of using the commonly available hardware - console, printer, disk - associated with the ADAM Computer operating under SmartBASIC or the EOS system.
● MacADAM DEMO FILES (D/DP) $5.00 Contains two demo programs for use with MacADAM. Each program is saved as a MacADAM file as well as a SmartBASIC binary file.

ADAM HARDWARE
(D) = 5 1/4" DISK, (DP) = DATA PACK

ADAM MISC. SUPPLIES

- 256K COLECO ADAM DIGITAL DATA PACK.................................$2.00
- 256K RIGHT DIRECTORY ADAM DIGITAL DATA PACK...............$1.00
- ADAM DUST COVER: 5 1/4" OR 3 1/2" COLECO DISK DRIVE..$8.95
- ADAM DUST COVER: EXP. MOD. #3 MEMORY CONSOLE.......$8.95
- ADAM DUST COVER: KEYBOARD...$8.95
- ADAM DUST COVER: STAND-ALONE MEMORY CONSOLE......$8.95
- ADAM DUST COVER: PRINTER..$8.95
- ADAM PRINT WHEEL (Emphasis, Courier or Pica) $5.95
- ADAM PRINTER RIBBON - BLACK ONLY.......................................$5.95
- N.I.A.D. NEWSLETTER BACKISSUES $1.00

All backissues of the N.I.A.D. Newsletter are available at this price of $1.00 with the exception of the following issues that are out of print and no longer available: #2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 19, 20, 23, 42, 55, 66/67, 73, 74, 75 and 78/79.

ADAM'S HOUSE

- **ADAM 5 1/4" FLOPPY DISK DRIVE UPGRADE KIT (HW/D)** Upgrade your Coleco 5 1/4" SS/DD 160K floppy disk drive to DS/DD 320K or QS/DD 720K format with these conversion kits and double or quadruple the storage capacity of your 5 1/4" drive. Kit includes: 5 1/4" 320K or 3 1/2" 720K drive mechanics, controller eprom chip, electrical wires, software and instructions for assembly.
  - 5 1/4" 320K DISK DRIVE UPGRADE KIT (HW/D) $89.95
  - 3 1/2" 720K DISK DRIVE UPGRADE KIT (HW/D) $109.95
- **ADAM DISK DRIVE POWER SUPPLY (HW) $19.95** New, more reliable power supply transformer for the Coleco made ADAM Floppy Disk Drive. Casing is easily removed if the fuse has to be replaced.
- **ADAM MONITOR CABLE (HW) $9.95** Allows attaching of a Composite Monitor or RBG Monitor (with composite jacks) to the ADAM Memory Console providing both audio and video. Monitor must have separate RCA Audio and Video input jacks. NOTE: Not available for the ADAM Expansion Module #3 Unit that attaches to the Colecovision Game System.
- **ADAM POWER SUPPLY COVER with ON/OFF LIGHT (HW) $14.95** Protect your ADAM Printer Power Supply from dust, dirt and accidents with this cover and power on/off light. Instructions included.

ADAMLINK OF UTAH

- **ADAM HOME AUTOMATION PACKAGE (HW) (D/DP) $89.95** (Serial Interface Required) This home automation package is also known as the X-10 Home Control Interface. It will control lights and appliances throughout your home by sending signals over your house wiring. You plug lamps into Lamp Modules (sold separate), appliances into Appliance Modules (sold separate) and replace wall switches with Wall Switch Modules (sold separate). These modules then respond to control signals from the X-10 Interface that is attached to the ADAM via a Serial Interface (EVE, Orphanware or Micro Innovations serial interfaces are all compatible with the included software). You can add other controllers (the Mini Controller for example) to your system to manually control your lights and appliances from other locations in your home. Best of all, once the X-10 is programmed through the provided software it can be disconnected from the ADAM and operates by itself. New X-10 software is provided that is entirely SmartKEY driven. The X-10 Modules can be purchased at any Radio Shack store.

BONAFIDE SYSTEMS

- **MIDI-MITE (HW/DP) $74.95** Allows your ADAM to communicate with MIDI compatible synthesizers and other MIDI equiped instruments.

Contains one MIDI-IN, one MIDI-THRU and two MIDI-OUT jacks. Included are two MIDI cables and ribbon cable to connect to the ADAM Expansion Bus. Advanced editing software included. The purchase of SEQuel by Bonafide Systems and VideoTUNES by FutureVision is highly recommended.

COLECO HARDWARE

- **ADAM COMPUTER SYSTEM (HW) $239.95** Reconditioned ADAM System with Memory Console, 1 Digital Data Drive, Keyboard, Printer, Joysticks, Printer Ribbon and Pica Print Wheel, SmartBASIC V1.0, Super Buck Rodgers, accessory cables and Owner's Manuals. Everything that was originally packaged with the ADAM by Coleco. 90 day warranty. Price includes Shipping & Handling.
- **ADAM COMPUTER SYSTEM EXP. MOD. #3 (HW) $209.95** ADAM and Colecovision Game System attaches together to make a complete ADAM Computer System (2 piece Memory Console). Includes all components, accessories and software which were originally sold by Coleco. 90 day warranty. Price includes Shipping & Handling
- **ADAM DAISY WHEEL PRINTER (HW) $109.95** New ADAM Printer for replacement of a defective unit or for a spare. Identical to what was packaged with the ADAM System by Coleco although these are the newest versions available.
- **ADAM DIGITAL DATA DRIVE (HW) $49.95** Replacement or second digital data drive for the ADAM Computer. Great to own in order to speed up the backup process and also as a convenience to eliminate the need for swapping data packs constantly.
- **ADAM EXPANSION MODULE #3 MEMORY CONSOLE (HW)** Brand new Revision 80 Expansion Module #3 ADAM Memory Console for use as a replacement or spare. Comes with or without a Digital Data Drive installed in the unit. Requires attachment to the Colecovision Game System in order to operate.
  - ADAM EXP. MOD. #3 WITH DIGITAL DATA DRIVE (HW) $69.95
  - ADAM EXP. MOD. #3 WITHOUT DIGITAL DATA DRIVE (HW) $54.95
- **ADAM KEYBOARD (HW) $24.95** Brand new keyboard which is great to have as a spare or for replacement of a defective one. Comes with a 7 foot ADAMnet cable.
- **ADAM MEMORY CONSOLE (HW)** Brand new Revision 80 Stand-alone ADAM Memory Console for use as a replacement or spare. Comes with or without a Digital Data Drive installed in the unit.
  - ADAM MEMORY CONSOLE W/ DIGITAL DATA DRIVE (HW).. $109.95
  - ADAM MEMORY CONSOLE W/O DIGITAL DATA DRIVE (HW)$89.95
- **ADAM PRINTER POWER SUPPLY (HW) $49.95** Standalone power supply which can be used in place of the ADAM Printer (saves wear and tear) to power the ADAM. Great to own if you have a dot matrix printer so that the ADAM Printer can be un-hooked.
- **ADAM TAN HAND CONTROLLER (HW) $4.95** New Coleco joystick with knob controller, 12 button numeric keypad and 2 fire-buttons.
- **ADAMLINK 300 BAUD MODEM (HW/DP) $49.95** The original Coleco made modem which plugs into Slot #1 in the Memory Console and allows the user to connect to any BBS, Telecommunications Network, Information Service, etc. and transfer information from one computer to another and vice versa over the phone line. Supplied with ADAMLINK I and as a special offer SmartTERM V1.02 is included absolutely free while supplies last.
- **ADAMNET CABLE (HW) $2.95** Flat, 7 foot cable for use with either the Keyboard or a Disk Drive.
- **COLECOVISION GAME SYSTEM (HW/CART) $59.95** Complete Colecovision Game System with two hand controllers, tv-hookup, power transformer, instructions and of course the Donkey Kong cartridge. Great to have as a spare or for replacement of a defective unit.
- **EXPANSION MODULE #1 ATARI 2600 ADAPTER (HW) $44.95** Allows for the use of Atari 2600 cartridges on the Colecovision or the ADAM Family Computer System. Plugs into the side expansion bus on the ADAM or the front expansion bus on the Colecovision. There are literally hundreds of Atari 2600 games which have been made and that can be played on your Coleco systems.
- **EXPANSION MODULE #2 (HW/CART) $44.95** Play fast-paced driving and racing games on ColecoVision and the ADAM Family

Computer system! Table-top console includes arcade-style steering wheel and floor-operated accelerator pedal. BONUS! The Official TURBO CARTRIDGE by SEGA is included ... FREE!!

● **ROLLER CONTROLLER (HW/CART) $44.95** Now you can have a 360 degree game field command, with the arcade ROLLER BALL! Select "roller" or "joystick" mode. This unit is compatible with ColecoVision and ADAM video games. Fire-action buttons on each side of the console gives added ease of game play. Can be used as a mouse for ADAM software. Slither by Century is included ... FREE!!

● **SUPER ACTION CONTROLLERS (HW/CART) $44.95** Experience the ultimate joystick control center. Comes with an actual arcade style joystick, 12 button keypad and 4 color coded fire-buttons which fit comfortable in your hand. Compatible with all Colecovision and ADAM software that use the standard controllers. Included with the two Super Action Controllers is Super Action Baseball ... FREE!!

GOLDSTAR

● **GOLDSTAR 2105A 12" AMBER COMPOSITE MONITOR (HW) $109.95** 12" Amber composite / monochrome monitor that offers resolutions up to 640 x 200, with up to 80 columns with 25 lines, video only - no audio. Requires ADAM Monitor Cable.

● **GOLDSTAR GSM-2400 BAUD MODEM (HW) $119.95** 100% Hayes compatible, asynchronous, synchronous, full or half duplex, auto answer, auto dial. Requires Serial Interface and cable.

MICRO INNOVATIONS

● **ADAM PARALLEL PRINTER CABLE (HW) $14.95** 6 foot parallel cable that attaches between a parallel interface and a dot matrix printer.

● **ADAM RS-232 SERIAL CABLE (HW) $14.95** 6 foot serial cable that attaches between the Micro Innovations' M.I.B. 2, M.I.B. 3 or Dual Serial Interface serial port(s) and serial hardware device (IE: external modem, terminal, etc.).

● **MegaRAM 256K SIPP MODULE (HW) $39.95** 256K Memory Module used to expand the E & T Software MegaRAM Memory Expander in increments of 256K. Add 3 256K SIPS to obtain a full 1 MEG (1,024K) of memory, or add-on one SIPP at a time to boost the expansion RAM to 512K or 768K with 2.

● **M.I. ADAMnet FLOPPY DISK DRIVES (HW)** Stand-alone floppy disk drives for the Coleco ADAM Computer. Plugs in to the ADAMnet connector in the Memory Console. Comes with an external power transformer and ADAMnet Cable. 100% compatible with Coleco's ADAMnet Disk Drive and E&T Software's disk drive upgrades. Contact Micro Innovations for custom configurations for drives. Also included is the File Manager Vx.x program by AJM Software for all disk formatting and copying needs.

○ 5 1/4" 320K M.I. ADAMnet FLOPPY DISK DRIVE $199.95
○ 3 1/2" 720K M.I. ADAMnet FLOPPY DISK DRIVE $249.95
○ 3 1/2" 1.44Mb M.I. ADAMnet FLOPPY DISK DRIVE $299.95

● **M.I. DUAL SERIAL I/O CARD (HW) $49.95** Plug-in board for the Coleco ADAM Computer that plugs into Expansion Slot #1 and provides two RS-232 serial ports - one set up for a CRT terminal, serial printer or X-10 Control Interface and the other set up for an external modem. Serial Ports are not compatible with the EVE or OBS Serial Ports but included software allows access and ADAMLINK V (sold separately) now allows for the use of the Micro Innovations Serial Ports. Serial Cables sold separately.

● **M.I. MEMORY EXPANDERS (HW)** Plug in memory boards for the Coleco ADAM Computer. All boards plug in to Expansion Slot #3 (the right expansion slot) and are fully compatible with all software programs that access a memory expander as either a ramdisk, printer buffer or extra workspace. Note that the 256K, 1Mb and 2Mb Memory Expanders require that the purchaser also has a Parallel Printer Interface or Addressor Card plugged into Expansion Slot #2 to complete a simple wire connection between the two boards that will allow ADAM to recognize memory above the first 64K bank, without this hookup the ADAM will recognize these boards as 64K only.

○ M.I. 64K MEMORY EXPANDER.. $29.95
○ M.I. 256K MEMORY EXPANDER... $69.95

○ M.I. 1024K (1Mb) MEMORY EXPANDER $149.95
○ M.I. 2048K (2Mb) MEMORY EXPANDER....................................... $249.95

● **M.I. MULTI-PURPOSE INTERFACE BOARD 3 (HW) (D/DP) $74.95** Provides two RS-232 Serial Ports, one 9 or 24-pin compatible Parallel Port along with an Addressor connection for 256K or larger Memory Expanders, Boot Prom Socket for installing program eproms such as Hard Disk Drivers, ADAM's Desk Top, etc. This new version of the M.I.B. board is also now equipped with a voltage regulator that supplies power to the serial ports. Includes patch software for dot matrix printer and specially configured telecommunications software for serial ports along with the most current version of the TDOS Operating System. Serial Ports are not compatible with the EVE or OBS Serial Ports. Serial and Parallel cables sold separately.

● **M.I. PARALLEL PRINTER INTERFACE (HW) (D/DP) $34.95** Plug-in board for the Coleco ADAM Computer that plugs into Expansion Slot #2 and provides a Centronics-compatible parallel printer interface for a 9 or 24-pin dot matrix or laser printer. Also includes the addressor function that is required for 256K and larger memory expanders and the lastest addition is a Boot Prom Socket for installing program eproms such as Hard Disk Drivers, ADAM's Desk Top, etc. Patch software included that allows for the use of most Coleco software and third party software. Parallel cable sold separately.

● **M.I. PowerMATE L/C & H/P HARD DISK DRIVES (HW)** Standalone 20 or 40Mb Hard Disk Drives for the Coleco ADAM Computer available in two different configurations: Low Cost (L/C) or High Performance (H/P). The L/C configurations come with either a 20 or 40Mb IDE Hard Disk Drive that transfers data at 70ms, a Hard Drive Interface only card that plugs into Expansion Slot #1, Hard Drive cable, power transformer, operating system and public domain software preloaded. The H/P configurations also come with either a 20 or 40Mb IDE Hard Disk Drive but it transfers data at 28ms and has a built-in 8K cache, a Hard Drive Interface card that plugs into Expansion Slot #2 and supplies a Boot Prom Socket, 9 or 24-pin Parallel Printer Interface and Addressor function, Hard Drive cable, power transformer, operating system and public domain software preloaded.

○ M.I. PowerMATE L/C 20Mb HARD DISK DRIVE......................... $299.95
○ M.I. PowerMATE L/C 40Mb HARD DISK DRIVE......................... $399.95
○ M.I. PowerMATE H/P 20Mb HARD DISK DRIVE $349.95
○ M.I. PowerMATE H/P 40Mb HARD DISK DRIVE $499.95

● **M.I. PowerMATE H.D.D. BOOT EPROM (HW) $10.00** Eprom chip containing the boot software for the new line of PowerMATE Hard Disk Drives listed above that greatly enhances boot-up time of hard disk drives. Boot Eprom plugs in to the Boot Prom Socket on the PowerMATE H/P Interface. If you purchase the PowerMATE L/C then you will also need either the M.I. Parallel Printer Interface or the M.I. Multi-Purpose Interface 3 to have access to a Boot Prom Socket.

PANASONIC O.A.

Each Panasonic DMP has multiple paper feed paths, EZ Set Panel for selection of print style as well as a staggering 3,400 print combinations from a wide variety of fonts, sizes and enhancements.

● PANASONIC KX-P110i RIBBON (KX-P1080, 1080i, 1090)............$12.95
● PANASONIC KX-P115i RIBBON (KX-P1180, 1190, ETC.)..............$12.95
● PANASONIC KX-P145i RIBBON (KX-P1123, 1124, 1124i)............$12.95

● **PANASONIC KX-P1180 DMP (HW) $199.95** 9-pin dot matrix printer with 10K buffer and parallel connector. Draft speed 192 CPS, Near Letter Quality speed 38 CPS. Many built-in print styles: compressed, elite, pica and size adjustable. Bottom and Rear paper feed. One ribbon enclosed. Two year limited warranty.

● **PANASONIC KX-P1123 DMP (HW) $239.95** 24-pin dot matrix printer with 10K buffer and parallel connector. Draft speed 240 CPS, Near Letter Quality speed 63 CPS. Many built-in print styles: compressed, elite, pica and size adjustable. Bottom, Rear, and Front paper feed. One ribbon enclosed. Two year limited warranty.

● **PANASONIC KX-P1124i DMP (HW) $329.95** Newly enhanced 24-pin dot matrix printer with 10K buffer and parallel connector. Draft speed 240 CPS, Near Letter Quality speed 63 CPS. Many built-in print styles: compressed, elite, pica and size adjustable; as well as many emulation modes. One ribbon enclosed. Two year limited warranty.

N.I.A.D. PUBLIC DOMAIN SOFTWARE

$4.00 DISK   **$6.00 DDP**

PLEASE NOTE: Specify VOLUME #, TITLE and DISK OR DDP

MISCELLANEOUS VOLUMES

□**SmartBASIC BNDV** # 1 - 36: 36 different volumes containing assorted SmartBASIC entertainment, application, graphics, patch, utilities and other misc. programs. Most volumes are auto-booting and contain SmartWRITER documentation.

□**SmartBASIC UTILITIES UNDV** # 1 - 2: 2 different volumes containing SmartBASIC utility programs such as file copiers, backup utilities, patches and other misc. programs. Volumes are auto-booting and contain SmartWRITER documentation.

□**SmartLOGO LNDV** # 1 - 5: 5 different volumes containing SmartLOGO entertainment, application, graphics, utilities, patches and other misc. programs. Volumes require the user boot SmartLOGO first, contain SmartWRITER documentation.

□**ADAMCALC ANDV** # 1 - 34: 34 different volumes containing ADAMCALC spreadsheet formulas, tutorials and demonstrations. All volumes require the user to boot ADAMCALC first and contain SmartWRITER or ADAMCALC documentation file(s).

□**CP/M 2.2 CNDV** # 1 - 60: 60 different volumes containing CP/M 2.2 utilities, games, interpreters, patches, compilers, word processors and other misc. programs. Volumes require the user boot CP/M 2.2 first, most programs contain documentation.

□**PD SIGNS SNDV** # 1 - 3: 3 different volumes containing SignSHOP/NewsMAKER graphic files for use with these programs by Strategic Software. Volumes requires the user boot SignSHOP/NewsMAKER first and contain SmartWRITER documentation.

□**PINBALL GAMES PNDV** # 1 - 7: 7 different volumes containing Pinball Construction Set pinball games which were designed with this public domain program by Coleco. Each volume is auto-booting and contains SmartWRITER documentation.

□**VIDEOTUNES SONGS VNDV** # 1 - 3: 3 different volumes containing many assorted song files each that are for use with VideoTunes by FutureVision. Each volume requires the user to boot VideoTunes, then load the song file.

□**MIDI SONGS MNDV** # 1 - 16: 16 different volumes containing many assorted song files each for use with Mini-Recorder by Bonafide Systems for the MIDI-MITE.

□**SOLO-ADVENTURE PACK VOL. # 2 - 3**: 2 different volumes of Solo Adventures for use with Mage Quest by Reedy Software. Each volume requires the user to boot Mage Quest first and contain SmartWRITER documentation.

□**NIAD BACKISSUE INDEX**: SmartFILER database detailing the contents of past NIAD Newsletters through 1987. Requires that the user boot SmartFILER first.

□**UKAS MINI-REVIEWS VOL. #1-2**: 2 different SmartFILER databases with mini-reviews of hundreds of software and hardware products. Requires that the user boot SmartFILER first and then follow the included instruction sheet on how to access.

□**COLECO PRESENTS: SOFTWARE**: Coleco software and cartridges for the ADAM and ColecoVision. DDP ONLY.

□**N.I.A.D. GOLD VOL. #1 - 5**: 5 different volumes of enhanced SmartBASIC programs: Vol. I - Games, Vol. II - Text Adventures, Vol. III - Science & Education, Vol. IV - Home & Business and Vol. V - Utilities. Each volume contains documentation.

□**ADAMAGIC ONDV VOL. #1 - 18**: 18 different volumes of commercially copyrighted programs that were released to the Public Domain. Contains entertainment, adventure, productivity, education, business, telecommunications, arcade, brain, etc., programs complete with documentation.

GRAPHICS VOLUMES

□**RLE PICS VOL. # 1 - 4**: 4 different volumes of RLE picture files which can be viewed in SmartBASIC V1.0 with the included CBpicFAST program or in PowerPAINT, also contains SmartWRITER documentation.

□**REEDY ART GALLERY VOL. # 1 - 2**: 2 different volumes of 13 SmartPAINT format picture files to be viewed in SmartBASIC V1.0 with the included loader program or in PowerPAINT and other programs which support the SmartPAINT format.

□**N & B PIX VOL. # 1 - 30**: 30 different volumes of 13 SmartPAINT format picture files to be viewed / edited in PowerPAINT, ShowOff I, etc.

□**PAINTMATES VOL. # 1 - 15**: 15 different volumes of clip-art, sprite and font files for use with PowerPAINT, SpritePOWER and CLIPPER by Digital Express. The Print Works or The Label Works by Walters Software Co., and other assorted programs.

□**PAINTFORMS VOL. # 1 - 4**: 4 different volumes of assorted letterheads, labels font files and miscellaneous graphic files for use with PowerPAINT by Digital Express.

□**C.G.P. PIX VOL. # 1 - 3**: 3 different volumes of picture files for use with the Coleco Graphics Processor. All pictures are taken from Coleco / ADAM programs and carts through the use of the cartridge version of The Coleco Graphics Processor.

□**PAINT PALETTE**: For use with PowerPAINT. Will provide you with over 200 different shades of color, where normally the total number of colors accessible is 16. Contains SmartWRITER documentation.

ENTERTAINMENT VOLUMES

□**SUPER BUCK RODGERS**: This is the supergame which comes with the ADAM Computer and is offered free for replacement in the case of damage to your original.

□**THE BEST OF ELECTRONIC ARTS** (Pinball Con. Set / Hard Hat Mack): Coleco supergame pack contains two great games in one package. New bug free version w/ 2 demo pinball games and an instruction sheet.

□**SUPER SUB-ROC**: Coleco supergame pack version of the Sub-Roc cartridge. This is a tremendous 3-D arcade action game with great graphics and a Hall of Fame option as well as an Instruction sheet.

□**TROLL'S TALE**: Coleco supergame pack originally developed by Sirius Software. This is a children's adventure game with good graphics and offers a strong challenge as well as an Instruction sheet.

□**JEOPARDY:** Coleco supergame pack of the popular television game show. Fabulous game with great graphics, multi-player ability, load / save games and a Hall of Fame options as well as an Instruction sheet.

□**TEMPLE OF APSHAI Revision 2:** Epyx supergame pack which was never released. This is a role playing adventure with graphics and some arcade sequences. DISK and DDP not compatible. Comes with Instruction sheet.

□**A-CHESS (SARGON):** Great graphic chess game which was developed in CP/M and modified by Chris Braymen. Comes on an auto-booting media and includes documentation on how to use.

□**5 SCREEN DONKEY KONG JR.:** Coleco's In-House version of Super Donkey Kong Jr. with an additional 5th play level, MARIO'S BAKERY (arcade version doesn't even have this level!). This version automatically runs through all screens.

□**CHESS SOLITAIRE:** Great graphics version of chess where you try to guess the moves of the masters (15 different classic games are included). Also contains a second game, Knight's Tour, and documentation in program.

□**SUPER DAM BUSTER:** Supergame version of the cartridge with added screens and Hall of Fame. The only flight simulator available for ADAM and one of the best games ever made. Are you good enough to defeat the NAZI forces?

□**THE BEST OF B.C.:** A two supergame pack with B.C.'s QUEST FOR TIRES and B.C. II: GROG'S REVENGE developed by Coleco of Canada. Help Thor past obstacles to find Cute Chick and to find the Meaning of Life.

□**MOAUG PHRASE PAK:** An additional 300 phrases for use with Phrase Craze by Reedy Software. Compiled by George Drenk. Contains SmartWRITER documentation.

□**THE ABOMINABLE SNOWMAN:** Search the Great White North for the illusive Abominable Snowman. Be careful in your quest, there are many pitfalls that you will face. Contains SmartWRITER documentation.

□**CLASSIC UNRELEASED CARTS VOL. #1:** A collection of 8 cartridges: Fall Guy, Video Hustler, M.A.S.H., Super Cobra, Memory Manor, Word Feud, Artillery Duel and Tomarc the Barbarian which were never released or wouldn't work on the ADAM in their cartridge form. Contains SmartWRITER documentation.

□**CLASSIC UNRELEASED CARTS VOL. #2:** A collection of 3 cartridges: Cabbage Patch Kids: Adventures in the Park Enhanced, Yoke's on You and Wizmath which were never released. Contains SmartWRITER documentation.

□**ADAMWARS II:** A simulation of the real life pitfalls and successes which are experienced by you friendly ADAM retailers. Great graphics and sound effects. Contains SmartWRITER documentation.

□**SUPER FRONT LINE DEMO:** A Coleco In-House demo of the never completed supergame version of the cartridge game. Demo cycles between two demo screens.
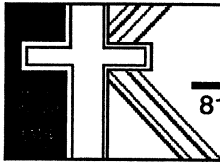
UTILITY VOLUMES

□**E.O.S. DISK MANAGER:** Coleco utility program which was supplied with the 5 1/4" 160K Disk Drive. Also, contains the most current Coleco EOS Revision, Rev. 7.

□**SPEED CHECK V2.0:** Enhanced Coleco digital data drive test program to assure proper speed operation of drives for best read / write performance. Best results will occur by purchasing disk from us instead of ddp and then copying over to ddp.

□**ADAM UTILITIES:** Coleco In-House utilities, test and demo programs contained on an auto-booting media. Memory expander required for some of the system testers. Also, includes Adam Diagnostic and an Instruction sheet.

□**MacADAM:** Z80 / EOS Assembler written in machine code for the Intermediate to advanced machine code programmer. Contains manual in SmartWRITER format.

□**STRATEGIC SOFTWARE PATCHES:** SmartBASIC V1.0 programs for patching Strategic Software's SignSHOP, NewsMAKER, MultiWRITE, MicroWORKS, etc. programs for use with dot matrix printers as well as major enhancements made to the MultiWrite Word Processor. Contains SmartWRITER documentation.

□**COLECO GAME COPY:** Coleco In-House cartridge copy utility as well as a media backup utility roled into one program. Will copy most of the available cartridges.

□**SHAPEMAKER:** Great SmartBASIC V1.0 utilities for creating shapes and placing text on the HGR or HGR2 screen. Shapes created can be used in PowerPAINT. Contains SmartWRITER documentation.

□**MEDIA MATE:** Three tremendous utility programs for editing data packs and disks in SmartBASIC V1.0. Contains informative SmartWRITER documentation.

□**QUICKOPY V5.0:** Excellent machine code copy program (block and file) with additional rendrive and rancopy software. Compatible with all memory expanders and disk drive sizes. Contains a 37 page manual in SmartWRITER format.

□**COLECO IN-HOUSE PROGRAMS:** Six separate programs: three diagnostic programs along with the Tunnel'N Trolls, ADAM and Music demos.

□**MIDI DRIVERS & DEMOS:** A collection of MIDI SmartBASIC V1.0 utilities programs along with technical information of the MIDI file setup. Contains

PRODUCTIVITY VOLUMES

□**ADAMLINK II:** Coleco's advanced telecommunications software with all the features of ADAMLINK I and the added ability to up and download ASCII files. Comes with addendum Instruction sheets to the ADAMLINK I manual.

□**MARKET MONITOR:** Coleco of Canada management system program for the personal investor. Not totally bug free. Contains SmartWRITER documentation.

□**TAX PLANNER:** Coleco of Canada business software which will create a clearer and more complete picture of your tax situation. Contains SmartWRITER docs.

□**VISI-SPRITE V6.0:** Advanced sprite development package with many powerful built-in features. This is the crippleware version of the copyrighted version 6.5 and is made available for demo purposes and a chance to test out before buying V6.5.

□**daVINCI:** Great graphic design utility from France using a point-and-click method of operation along with a SmartBASIC V1.0 utility to convert daVINCI files into GraphikPAINTER files. Contains SmartWRITER documentation. DISK ONLY.

□**X-10 CONTROL SOFTWARE:** Home appliance control / security system software. Requires a Serial Interface, Serial Cable and the X-10 Hardware. Contains SmartWRITER documentation.

□**SmartBASIC V2.0 40 COLUMN:** 40 column text version of SmartBASIC V2.0 which works in STDMEM or EXTMEM modes. No longer do you have to bother with a non-standard 31 column screen. Contains SmartWRITER documentation.

□**AUSTRALIAN SmartBASIC:** Enhanced SmartBASIC V1.0 with SmartKEY display of some of the most often used SmartBASIC commands (ie: RUN, LIST, SAVE, etc).

□**ADAM FORTH V1.1:** ADAM compatible version of the popular programming language. Comes with a number of programs on media and Instruction sheet.

□**TRACKER:** Allows for the tracking of Hurricanes in the Gulf Coast area. Enter 14 x and y coordinates and then save them as a file or view the hurricane in action on the high-resolution map of the area. Includes SmartWRITER documentation file.

□**SP-1 CUSTOM PRINTER SOFTWARE:** Specialized software patches for use in SmartWRITER. Used to imbed software commands. Available for the following printers: Panasonic 1080 / 90 / 82 / 83, Star G10 / G20, Epson FX / RX, Blue Chip, Olympia R80, Brother 2024L, Smith Corona Fasttext 80 / D2000, Oki 182 / 192.

□**BASEBALL STATISTICIAN:** Comprehensive stat compiler for pitching, batting and team statistics with full line of edit features, save option, print features for ADAM Printer or dot matrix by Wizard's Lair. Comprehensive Instructions in SmartWRITER.

□**SmartBASIC CONSTRUCTION KIT:** Designed to aid the novice programmer better understand the many commands resident in SmartBASIC V1.0. Fully menu driven and auto-booting. Contains SmartWRITER documentation.

□**DAWGONE DAWGS:** This program will, on a consistent basis, select the dog most likely to win at the local dog track through data that is inputted by the user. However, this is not a get-rich-quick scheme. Contains SmartWRITER documentation.

□**SimplePAINTER WITH Simple F/X:** A tremendous collection of graphics utilities which extend the capability of PowerPAINT along with a number of conversion programs. Contains SmartWRITER documentation.

□**FLASH FACTS: MUSIC STUDIES:** Eight flashcard files for use with the Electronic Flashcard Maker by Coleco dealing exclusively with music theory. Require the user boot E.F.M. by Coleco first and contains SmartWRITER documentation.

Coleco supergame pack with great graphics and a Hall of Fame option as well as an Instruction sheet.

SmartWRITER documentation.

□**SOFTWARE BACKUP V1.0:** Allows for the backing-up of bootable programs onto the same media. Up to six self-booting programs can be placed on one Software Backup media. Most programs work fine. Contains SmartWRITER documentation.

□**R.I.D. TEST:** Coleco's own in-house utility designed specifically for testing the operation of 5 1/4" 160K Coleco made disk drive. No technical knowledge required, just boot-up and wait for the results. Contains SmartWRITER documentation.

□**MIDI UTILITIES:** A collection of 6 mapper utilities, midi format 1 song files, SmartWRITER documentation files and 1 CP/M or TDOS compatible midi utility. All mapper utilities are SmartKEY driven and machine language programs.

NIAD Northern /Iliana *ADAM* User's Group

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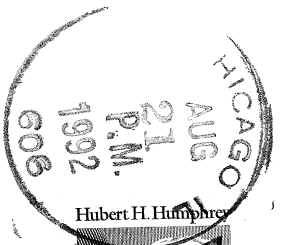
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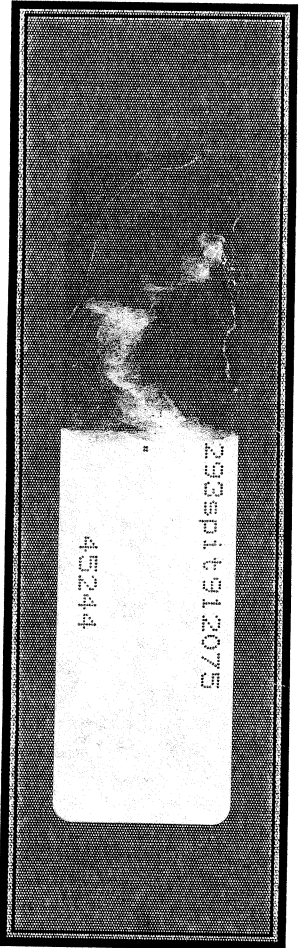
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