

The A D A M L A N D News

The Voice of

THE INTERNATIONAL ADAM USERS GROUP

LOCAL NATIONAL INTERNATIONAL "ADAM" NEWS & SUPPORT
NEWSLETTER MAY 1 1986 TECH UPDATE
DEDICATED SUPPORT TO THE "ADAM" COMPUTER, AND "ADAM" USER

One year dues includes your membership and 12 monthly issues of our fine newsletter, with ADAM related Tech Updates, Hints & Kinks, Games, Graphics, Programming, Hardware & Software information, Peripherals, New Products, Reviews, Glitches & Gremlins, CONSIGN-A-BIT Wanted & Sale Sections, Question & Answer Section, Friend Sections, Advertisements, Non-ADAM Section. and, occasionally, an article by Dr. Mumbles Microchip, the World's Greatest authority on computing. All letters requiring an answer must have 44 cents in U.S. postage, or the equivalent in INTERNATIONAL REPLY COUPONS, or money order to cover postage. Our brochures are now included in our newsletter, with what products are ready for sale,, special items for sale, progress of others under construction, plus those in Research and Development, and those under consideration.

The only persons on our regular mailing list, and receiving special offer mailings are our members. Members benefit from news, exchange of ideas, the ability to purchase at discount, AND to have their questions answered on ADAM and ADAM related problems.

WE DO MORE TO SUPPORT AND TO FURTHER THE CAUSE OF ADAM AND OUR MEMBERS THAN ANY OTHER GROUP, WORLDWIDE!

U.S. Membership & 12 monthly issues	\$20.00
APO's, FPO's, GPO's, Puerto Rico, Canada, Mexico, (Membership & 12 monthly issues)	\$25.00
FOREIGN membership & 12 issues, surface mail (Via AIRMAIL, write to us for information)	\$30.00

US FUNDS OR THE EQUIVALENT, FOR ALL THE ABOVE

ADDRESS: The ADAMLAND News
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NEWS D I A M ###

THE ADAM NEWS

THE INTERNATIONAL ADAM USERS GROUP

THIS NEWSLETTER GOES TO EACH OF THE UNITED STATES, ALL PROVINCES OF CANADA, MEXICO, PUERTO RICO, , The UNITED KINGDOM, NEW ZEALAND, AUSTRALIA, GREENLAND, ISRAEL, TAIWAN, JAPAN, CHINA, ITALY, FRANCE, WEST GERMANY, BELGIUM, SPAIN, and several other countries.

Published sometime after the first of the month, depending upon fishing season, small game hunting season, big game hunting season, hives, arthritis, heart problems, lung problems, old war wounds, writer's cramp, rain, sleet, snow, hail, wind, drought, power bumps, power outages, possibility of lightning, actuality of lightning, lack of sleep, lack of time, but certainly not lack of dedication or computer oriented ambition.

We encourage and accept articles from members and the general public. SEE OUR ONGOING CONTEST! If you want to see your article in print, send it to us, with permission to print. All programs, games, graphics, etc., sent to us must be both written on standard 8 1/2 by 11 paper, and on disk or data pack.

ADVERTISEMENTS: If you wish to place an ad, send us a copy of the ad. We also encourage pre-printed ads to be used as inserts in the newsletter, as long as the page size does not exceed that of the newsletter. Rates are very low.

REMEMBER, ADAM USERS! This publication is dedicated to you! Help us to make it please you. Write in, tell us what you think, what you want, what you would like to see in print. Discoveries you have made, or heard about which would help the ADAM users.

The ADAMLAND News is a publication of THE INTERNATIONAL ADAM USERS GROUP. The GROUP is a producer of hardware, software, and special devices to be used with the COLECO ADAM, and other computers.

Neither The ADAMLAND NEWS, nor the INTERNATIONAL ADAM USERS GROUP are affiliated in any way with COLECO INDUSTRIES, Inc., or any other computer manufacturer.

PRODUCT NAMES MENTIONED IN THIS PUBLICATION ARE FOR REFERENCE AND IDENTIFICATION ONLY, AND ARE IN NO WAY INTENDED AS COPYRIGHT OR TRADEMARK INFRINGEMENT.

THE GROUP IS THE INVENTOR, AND/OR THE MANUFACTURER OF MANY DEVICES ADVERTISED IN THIS PUBLICATION. Many of these devices are NOT AVAILABLE ELSEWHERE.

PRICES AND SPECIFICATIONS subject to CHANGE WITHOUT NOTICE!

EDITOR: BUCK A. ROGERS

EDITORIAL

by BUCK

Things are pretty normal, this month. We are behind on the newsletter, suppliers are behind in their shipments to us, making us behind on our shipments to purchasers, making our projected dates wrong. It could be worse. We still need help from some of you members, in reconstructing our mailing list. That last lightning strike here wiped out our entire backup disks, and the disks which were in the various computers were damaged. Part of the membership whose last names begin with "A", part of those beginning with "B", ALL of those beginning with "O", all those beginning with "T" and some of those beginning with "W" are wiped out. There may be others, if we cannot find deposit records with your membership indicated, or purchases with your name, we shall have to rely upon you to spread the word, and tell those who are neglected to WRITE US. This is a particularly sad situation, but one which couldn't be helped. We also lost orders to merchandisers, their names, how much was ordered, etc. and will just have to work it out as best as we can. We also lost some motherboards, some graphics boards, some memory boards, and goodness only knows what else. Just don't dare mention insurance! That word is not used around here.

There are always a few people, who either out of lack of consideration, no contact with reality, or who just do not give a hoot for others, misuse the phone. We have telephone answering devices on our lines. When we are busy, really busy, we let the TADs answer the phone, and callers are informed that we are busy, but to PLEASE leave a message. Some of these individuals will not leave a message, but call back time after time, when they find out that the TAD is set to answer on the fourth ring, they will call time after time, allowing the phone to ring three times. If we set for two rings, these idiots will repeatedly call once and hang up if the phone is not answered. Believe it or not, I have personally wiped a number of disks, lost a number of programs, because of making an effort to answer the phone when I should not have.

If the message says we are busy, WE ARE BUSY! Please have some consideration for us. If we catch someone doing this, a member, his/her membership will be revoked and he/she can forget forever us doing any favors, or doing any business with him/her. One character, after I was able to answer the phone today, asked the same question he asks at least once a day "Got any unreleased software? Is it boxed?" Every day I go thru the routine of answering his questions. Even when he was told that, among other things, I have an extremely painful throat problem (going to the Hospital Monday) and that it is very difficult for me to talk, he would not stop asking questions, and asked them for a full five minutes, He would have talked longer, but I told him I was going to hang up. He called late at night once. When I asked him to please call during business hours, his reply was "If you don't want to answer the phone, why don't you take the phone off the hook?" Why should I work 24 hours a day, or disconnect the phone, because of someone so inconsiderate? If a member has a genuine problem, we NEVER refuse to try to help. He will read this, but I doubt if it will penetrate. Many thanks to our many members who are NOT like this.

The day of the personal supercomputer is just about here.

Ten years ago, 16 K of RAM was "the thing", while today 256 is considered minimal, and a megabyte is not uncommon.

Speeds of CPU's, originally 1 megahertz or less, can now be clocked regularly at 4, 6, 7, 8 Mhz today with 9, 10, 12 appearing on the immediate horizon.

Co-processor applications, which greatly broaden the versatility of the host computer, of any variety, are readily available.

A vast variety of combinations of chips, speeds are available.

Combinations of these, well chosen, may result in a micro which nears or equals, some minis, and daily comes closer to equaling, even surpassing the performance of mainframes of a short time ago.

An ADAM, running with our true 16 bit coprocessor is an example of an inexpensive machine, which will outrun-outperform a supercomputer of just a few years ago.

This ADAM-IBM compatible setup has the tremendous advantage that one does not have to learn a new computer, or language immediately. You can learn as you go, and use the full ADAM at any time you desire. What could be sweeter.

PLEASE NOTE! ONCE AGAIN WE ARE UNABLE TO PUBLISH OUR MONTHLY CONTEST WINNER, UNTIL WE ESTABLISH THE IDENTITY OF THE SUBMITTER!! HE/SHE DID NOT FURNISH A NAME ON THE DISK, NOR ANY NAME ON THE DOCUMENTATION! It is surprising to see

the number of entries which arrive with no identification inside the package.

If several are opened, then we have to TRY to find which came from whom. I hope that whoever reads this will write in, furnish us with the E-Z BOWL program, WRITTEN IN BASIC, and signed.

Craig Thompson, the winner of last month's contest, wrote to say that "The ring is beautiful, Much nicer than I expected". We knew you would like it, Craig. They are hand-made, and are real works of art.

We want you to get your entries in, but for Pete's sake (yours too) DO IT RIGHT, so that all we imbeciles here neither lose nor louse them up.

Our collection of software, as listed in this issue, is a great one.

Unfortunately, it is very possible that in among the public domain works may be some that are not. They are mixed up, we do not know one from the other, so will sell them to members just as received. No changes, no lifting from disks, no transferring. It would be advisable to use extreme caution in their distribution. Do not say, we did not warn you. They are inexpensive enough for anyone. We do not expect to make any money from them, and will be happy to recover what they cost us. We go to great lengths for our membership, and most members appreciate it.

!!!! GROUP NEWS !!!!

By Al Suzuki

Another great meeting this month! This was the last formal meeting until fall.

Once again, a part of the meeting was dedicated to a "Meeting By Modem". There was a little confusion this time, caused by AT&T being on strike. Our Eastern phone links were so poor that we had a great deal of trouble understanding many of our members. This will naturally be taken care of when the CWA & AT&T settle their problem. We are surely sorry that we had to tell some of you that we could not hear you, and terminate our calls, and the modem transmissions in some cases, turned out to be great producers of garbage.

Even after we complained about unusable lines, there was no agreement that we would not be charged for the calls. Guess we will have to just wait and see. Almost everyone was good natured about the difficulties, and accepted the situation in a philosophical manner. Hope we can react likewise when the bills come in.

REMEMBER! If you are interested in meetings by modem, GET YOUR PHONE NUMBERS TO US! We pick those we are going to call, mostly at random, from a prepared list. We notify them ahead of time, so they can get their questions & material ready, and to insure that they will be at their phones and computers, that night.

We are proud of the advances we are making for ADAM. Every day, the amount of mail increases. By the way, PLEASE try to make your communications by MAIL instead of by phone. Some of us work 12 to 14 hour days on various projects, and the phone calls only slow us down, because we have to answer the darn things, sometimes right in the middle of something important, and lose it or lose it up. Answering by mail is much more practical, since it allows us to research questions, etc., and not be interrupted, but to answer when it is most convenient. Please help us out, in this way.

The cash remuneration plan was passed. It amounts to this: Once a year, at the end of our fiscal year, a percentage of the profits (if any) will be returned to members, in direct proportion to the amount of support they have given us. This means that if the member purchased X amounts of hardware, software, peripherals, accessories, and or contributed programs, games, utilities, etc., he or she would be eligible for this percentage. It has only one restriction, he or she must have been a member for one year or more, and be in good standing to be eligible. Your efforts during the first year are cumulative, and will be considered in the correct time frame.

Since it was thought to be too difficult to make the Group a true co-op, this was the next best idea, a semi-co-op. If any of you have a better idea, let's hear it.

HELP US KEEP ADAM ALIVE, WELL AND CONSTANTLY GROWING BETTER AND BETTER!!

GET ANOTHER MEMBER FOR THE GROUP, GET \$2.00 OFF YOUR MEMBERSHIP RENEWAL!

\$\$\$\$ URGENTLY NEEDED \$\$\$\$

We need: ADAM stand-alone computers, complets, or any parts thereof. We need printers, disk drives, modems, phone dialers, original ADAM 64 K memory expanders, and any of this material can be used, working or not.

QUICK CASH! QUICK CASH! QUICK CASH! QUICK CASH! QUICK CASH!

If you have any of the above, and/or any programs, games, utilities, books, manuals or ANY item pertaining to the ADAM, let us know, we will buy!

If you know anyone who has these items, we pay a finders fee! Easy money! Our repair department is crying for many of these items.

Don't just sit there! Help us out, put it on your local BBS! Do not have them call, have them write, with ALL the information in the first letter, plus the asking price.

We know most of you members do not want to turn loose of your ADAM stuff, but some of the unknowing, who are on other BBS's may be pried into turning loose some material our repair department needs very badly.

We donate a lot of material to certain schools and other worthy institutions and groups, we will buy items for them.

If you have some disks or tapes which you might offer for sale, let us know. Once again:

WE WILL BUY ANYTHING PERTAINING TO, OR CAPABLE OF BEING USED WITH ADAM

Some of you enterprising entrepreneurs out there can make some extra bucks, buying up ADAM material for us. Just keep the prices in reason, and you will do well.

I do not know where the used ADAM's are going. We get very few any more. We have stopped the CONMSIGN-A-BIT Section, temporarily, until more people consign ADAM items. That section went very well, for over a year, and suddenly, it dried up. We could sell all the used equipment we could get, at this point.

We do not mean to limit this request to just ADAM material. We buy a great deal of other computer manufacturers items, probably more monitors and printers than anything else. If you have a monitor, or printer for sale, let us know. We will pay top dealer dollar. We cannot pay retail, for that is what we must sell the item for. (A preposition is a poor thing to end a sentence with.)

If someone out there has a super-high resolution, analog COLOR monitor, such as a MITSUBISHI or a SONY, and wants to sell it, write us.

Just to simplify it, TRADE your old, or unwanted items to us for new components, etc., and save your hard cash!

The ADAMLAND PRINTER BUFFER #APB64-2 64 Kilobyte storage printer buffer.

The finest printer buffer in its class today. Following the instructions will give many megabytes of flawless data transfer.

The APB-2 is transparent in operation, which means that it does not change the process by which you print data from your computer.

ONE EXCEPTION!

If the printing program which you are using on your computer allows choosing of multiple copies, DO NOT USE IT TO SELECT NUMBER OF COPIES! If you do, the buffer will not do you any good, because the computer will still be tied up until all copies have been made. Just enter "1" when your program asks "How many copies", then enter the number desired on the buffer.

1. Enter your Print commands as usual.
2. This transfers data to be printed to the buffer, within a few seconds. The status LEDs will turn on, giving an indication of the amount of data transferred. The maximum memory available to you without modifications is 64K. If your document is larger, say 76K, for example, the buffer will take 64K, leaving 8 K in the computer. As the printer uses up the Ks of buffer stored data, more is taken from the computer, until the computer is freed when the data over 64 K has been delivered to the buffer.
3. If the amount of data is smaller than 64K, the computer will exit the print mode very fast, freeing it for other work.
4. The LEDs indicating amount of storage remaining in buffer will go out as the buffered memory is used up, i.e., 64K-48K-32K and finally 16K.

BYPASS MODE

If you are printing a large amount of data, copies or whatever, and need to interrupt the process and print something new, the data already saved will not be affected. When finished with the new job, you may return to printing what is in the buffer. It will still be there,

1. TO BYPASS, press "ON/OFF" button and BYPASS LED will light. At the same time the printer interrupts the present printing job.
2. Enter the Print commands needed to print the new data.
3. Then press Bypass "ON/OFF" button, Bypass LED will turn off and you can go back to original printing job.

MULTIPLE COPIES

We assume paper is in printer.

1. Press "Start/End" button, and the COPY LED will flash.
2. Enter print commands to print whatever you have.
3. The printer starts printing, and NOW PRESS THE "PLUS" button for the number of copies desired, LESS ONE (the one already being printed)
4. Press "Start/End" button once more, and COPY LED stops flashing, and sets an end to the number of copies.
5. When the number of copies entered has been printed, the COPY LED will go off, and the APB-2 will exit the copy mode.
6. The APB-2 will not allow multiple copies of data larger than 64K, and simultaneously free the computer to perform other tasks! It will allow multiple copies of data larger than 64K to be chosen from the keyboard program.

RESET

To allow access to the full memory for new files, you must press the RESET button to eliminate data stored previously.

ADDED

The APB64-2 can be upgraded to 256K or even 512K, by ADAMLAND. It may also be used as a series buffer, with proper interface, used on "Real World" devices, and printer-plotters of many types. It has been used in conjunction with certain modems, to store incoming data before delivery to computer, as well as some scientific applications.

APB-2

INSTRUCTIONS

You may now be the owner of perhaps, the finest printer buffer, within \$200 of its cost.

If you both follow the instructions, and use logic in instructing the buffer, you will be rewarded with excellent performance from the unit.

1. Connect the computer host cable into the female connector marked "COMPUTER"
2. Connect the printer to the female connector marked "PRINTER".
3. Plug the power supply adapter into the jack marked "9V".
4. Plug the power supply AC cord into a socket supplying 117 V AC.

These are the preliminary steps, now go on to the operational steps:

1. Turn power on to the printer buffer.
2. At power up, the LEDs showing 16K, 32K, 48K, and 64K will turn on, while the self-test for RAM is going on. When self test is completed, all LEDs turn off, one by one, and Buffer Ready LED will light.
3. If the Printer Error LED lights, it indicates printer not ready, power to printer not on, no paper, etc. When your printer is correctly set up, the Printer error light goes out. CONTINUED----

1 !!!!!!!!!!!!!!!!!!!!! A D A M L A N D !!!!!!!!!!!!!!!!!!!!!

NEW PRODUCTS FOR UPGRADING THE "ADAM" COMPUTER

THE SUPERSWITCH: Pushbutton select any combination, such as two computers and a VCR, to one monitor or TV. ADAM cable to switch, Monitor cable supplied. Usable with many computers. Work on one computer while other is printing, or watch a "Z" rated movie from the VCR, all without changing cables! #SS-3, \$21.95 + \$3.50 HIS, CONUS.

ARE-2 RESOLUTION ENHANCER: Works with Stand-Alone and Expansion module. Improves readability of text and graphics and colors. Removes blurs, smears, white outlines, etc.. No internal connections. Includes "Gold End" cable. #ARE-2 \$79.95, + \$10.00, HIS, CONUS

DS-QUAD DENSITY "SUPER-DISK" DISK DRIVES FOR ADAM: 800K per disk, 1.6 MEGABYTE total! TWO drives in low, slimline cabinet, side-by side, three surge protected outlets on rear for printer, computer, etc.. Front mounted switch controls everything. Self contained power supply, plus documentation and installation software. Supports CP/M formats, ADAM DOS, or another DOS, can be added later. #DD-1.6-1, \$599.95 ; \$15.00 HIS, CONUS

DESK MONITOR CABLE: Special "Gold End" desk cable for ADAM, with real gold plated ends for low loss and very low resistance. Stops clutter, helps keep picture clean. 3 foot, \$6.95 + \$2.50 HIS, CONUS--6 ft \$9.95 + \$3.50, HIS CONUS

CLOCK-CALENDAR-DATE-IMPRINTER (temporarily discontinued for lack of interest, everyone wanted it, we came out with it, and response has been lack-luster, to say the least) IF INTERESTED, WRITE!

ADAM RAM 64: ADAM compatible 64 K memory upgrade, installs in slot #3. Extends storage in smartwriter, adds to SmartBASIC, allows multitasking in ADAMCALC (printing one part while working on another part of spreadsheet), extremely valuable in CP/M. Better than any competitor's! There are several methods of arriving at the same result, ours is better. #AR-64, #AR-64 \$69.95, + \$5.00 HIS, CONUS

ADAM EXTERNAL POWER SUPPLY: Replaces ADAM's, which is contained in the printer, allowing use of a different or switchable printer. Simple connection. #AEPS, \$69.95, + \$10.00 HIS, CONUS

SERIAL TO PARALLEL INTERFACE FOR THE ABOVE: Allows use of parallel printer. PLEASE tell us the printer! #STP-2, \$89.95, + \$7.50, HIS, CONUS

BIG MEMORY: New 2+ MEGABYTE memory upgrade for ADAM! Supplied with 256K RAM, user upgradable to 2+ Meg. On the same card with a HARD DISK CONTROLLER and connection for disk! With documentation, installation software. #BM-2 Meg. \$399.95 + \$7.50 HIS, CONUS.

512K

OPTIONAL CABINET & POWER SUPPLY FOR ABOVE available soon. (There is not enough room in the ADAM memory console for this conversion. Power supply is not always needed. Earlier models are more likely to need added power, or if a differant printer is used, etc.. It is recommended, however.

LIGHT PEN FOR ADAM! Paint with it, directly on screen, do graphics, erase, select from menu with the pen, use as cursor, do computer aided design, make cartoons, design games, make banners, signs, figures, etc. possibilities unlimited. ONLY LIGHT PEN AVAILABLE OF ITS TYPE! With interface, software, complete instructions.

VOICE RECOGNITION-SPEECH AND MUSIC SYNTHESIZER FOR ADAM!! Ready about September (hopefully) DO NOT CALL ABOUT THIS! Watch newsletter!

NUMERIC KEYPADS FOR ADAM! For you number crunchers our there! Keypads adapted to ADAM, sit at the convenient right side of the keyboard. All numbers, +, - enter and up to four functions grouped for easy use. WE MUST INSTALL THIS for You! #NKP \$49.95 + HIS

1 NEW PRODUCTS, Cont'd.

ADAM PRINTER BUFFER: THE FINEST AVAILABLE! Our latest 64K buffer lets you dump up to 42 pages of text or graphics, into the buffer, freeing the computer to do other work. It shows the amount of information in the buffer, and the amount remaining as it is being used. Has a BYPASS feature, allowing bypassing the buffer temporarily, and printing something new from the computer, also a COPY feature, allowing direct selection of the number of copies to be printed. A READY LED and a PRINTER ERROR LED, which shows if the printer is out of paper, "hung up", not in the "ON" mode, or awaiting further command. This model can be used with either series or parallel output computers, and series or parallel printers, NOT JUST ADAM! Can be upgraded to 256K, or as high as 512K, by us at a later date. Horizontal model currently being produced, vertical upon request. Horizontal model 7 1/2 inches wide, 2 3/4 inches high, 4 1/4 inches deep. Vertical model slightly larger. #APB-2-64H (or V) \$179.95, + \$18.00, HIS, CONUS (You may need a series, parallel interface, such as is listed on the preceding page. It is universal)

HOW ABOUT A "LAP-TOP" ADAM? We can give you this effect with a Looooong cable, from the keyboard to memory console. Just tell us how long! Think how convenient this can be! Now you do not have to be tied to ADAM by such a short umbilical cord.

ADAM-IBM COMBINATION? Imagine a computer on which you can use IBM programs and with the windowing, colors and multitasking abilities that combining the two systems will allow! You lose none of the capabilities of ADAM, gain a great deal from the MS-DOS system, and from the union of the two. With this, ADAM can respond to its own commands, AND respond to MS-DOS commands as well. Our true 16 bit system is currently being produced, operates at the same speed as the standard AT, 6 Mhz!. You can use CP/M 2.2, CP/M 3, (CP/M +) CP/M 80 or CP/M 86 as well as the standard language. Options are many, including GW-BASIC, BASICA, and others. 100% text compatible with IBM, will run many IBM graphics, but not all without patches or hardware additions. Price? \$599.95 + HIS WE WILL BE ADDING A GREAT DEAL OF IBM COMPATIBLE SOFTWARE, BUT OUR LISTING IS NOT READY YET. WATCH NEWSLETTER!

- ORIGINAL ADAM DISK DRIVES, RFE.....\$199.95
 - ADAM 100% COMPATIBLE MODEMS, Instructs. Software..... 99.95
 - PRINTER RIBBONS Mylar Multistrike, 3 for 16.50
 - PRINTER RIBBONS, NYLON Extra Long Life, 3 for 16.50
 - COLOR RIBBONS-ADAM-Blue-Yellow-Brown-Green-Red-Purple e 9.75
 - DIGITAL DATA PACKS The Best Available 3 for 15.95
 - PRINTWHEELS Long Life, All Typestyles 3 for 22.50
- DISKS (floppies) LIFETIME WARRANTY! With TYVEK envelopes, Labels, Hubs, Write protectors, 10 for \$7.95, Large quantity discounts. Handling, Insurance and Shipping must be added to each order. MINIMUM ORDER \$15.00
 ALL PRICES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

REMEMBER, MEMBERS! It is becoming increasingly difficult to obtain original ADAM items, BECAUSE NO MORE ARE BEING PRODUCED! We must rely on obtaining this material now from whatever source we can find, distressed merchants, those wanting to get rid of ADAM stock, and elsewhere. It is not as simple as ordering and receiving a couple of years ago. A great deal of patience is required. We have had suppliers call us, saying they had certain ADAM items available, we order that very moment. Then we let our members know of the availability. Nex, we get four or five promises of shipment, and delivery, but the material NEVER arrives! Sometimes, not even ONE single item we ordered. I called a vendor yesterday, who has promised delivery many times, asked if he didn't like greenbacks, and if not we would have some red ones printed, since he apparently did not like the color of our money! Members, you should be on this end for a while! Then perhaps ypu would understand.

SERVICE==SERVICE==SERVICE==SERVICE==SERVICE==SERVICE==SERVICE==SERVICE==SERVICE==SERVICE==SERVICE==SERVICE==SERVICE

We service ANY PART, OR ALL of ADAM, and also ANY peripherals which can be used with ADAM. Ship to us prepaid, we repair, notify you that it is ready-and price, you remit and we return, insured. Usual turn around time very short. WE KNOW THAT BEING WITHOUT YOUR COMPUTER IS LIKE BEING WITHOUT FOOD AND DRINK! MAYBE EVEN WORSE!

LOOK TO ADAMLAND FOR THE LATEST IN COMPUTER ENGINEERING! WE TRY HARDER!

CONTEST CONTEST CONTEST CONTEST

The ADAMLAND News is sponsoring a competition in the following categories:

GRAPHICS	UTILITIES
GAMES	ARTICLES
PROGRAMS	HELPFUL HINTS

You may submit entries for these or other categories, as you wish.

A WINNER will be published each month, an Honorable Mention when space permits.

FIRST PRIZE: EACH MONTH, a "LADIES" or "MANS" genuine Turquoise and solid Sterling Silver ring. Hand-crafted, finest quality.

HONORABLE MENTION: Awarded each month, One year subscription to "TAN"

GRAND PRIZE: A secret, unannounced Grand Prize will be awarded for the most outstanding entry. Winner can choose from five Grand Prizes!

WHO MAY ENTER: Any member, except those actively involved in publishing the ADAMLAND News, and their direct family members.

RULES: Enter as many times, and in as many categories as you wish. All entries become the property of ADAMLAND. Entries will be judged by the GROUP STAFF. In the case of ties, duplicate prizes will be awarded. Winners will be notified by mail, and in the newsletter.

ALL ENTRIES must be written on standard 8 1/2 by 11 inch paper, and furnished on data pack or disk, (drawings must be on same size paper), and must be error free. A statement is required, describing the submission in detail, stating that the material has not been previously offered for publication, has not appeared in print, and that the person submitting has the right to offer it. If any submission has commercial possibilities, and ADAMLAND produces it, a royalty will be paid to the submitter, in addition to any award.

THESE RULES ARE IMPORTANT! ANY ENTRIES RECEIVED WHICH DO NOT COMPLY WITH THE RULES WILL BE ELIMINATED FROM ANY POTENTIAL WINNER LIST!

CONTEST CLOSES September 30, 1986

ADAMLAND RESERVES THE RIGHT TO EXTEND THE CONTEST, OR SHORTEN IT'S DURATION

This contest and notice null and void where prohibited by law.

S O F T W A R E

We can furnish most all of the software that is available and some not previously available for ADAM.

Most of the software comes and goes, very rapidly. If you would like for us to look for, and reserve any particular software, please place an order, with a minimum deposit of \$15.00 for a volume or \$5.00 for single items. When we get it (them) in, the orders will be filled in the same order received. This is the ONLY way you can be assured of getting them when we receive them. First reserved, first served. We try our best to fill special orders. Deposits on orders not returnable. Take it out in merchandise. After all, if we spend our time on the phone, on the modems, in writing and answering letters, trying to get your order, we should be paid. We do not charge extra, but DO expect you to purchase something.

THERE IS A MINIMUM ORDER OF \$20.00! This applies to software, ONLY!

We have a library of many hundreds of games, programs, utilities, etc., give us an idea of what you want. We will do our best to fill your needs. Sometimes, a great deal of patience is required, when looking for specific software. If you do not have the required patience, please do not order. Also, do not order, then request changes in order, different delivery times, etc. We do our best, under very difficult circumstances, for our members. Please do not place an order, then question us about it time after time, this just delays everyone. We want to get it to you as quickly as is humanly possible, (except for a few of the apes who work here at ADAMLAND).

REMEMBER! Some material is relatively easy to come by, others are very difficult, some is almost impossible. With our connections, we feel that no-one is likely to get material any faster. After all, we know the sources as well as anyone, and are perhaps, more eager to satisfy since we deal only with members!

FRIEND'S CORNER
From time to time we will list the name (or names) of ADAM users who want to correspond with other ADAM enthusiasts.

Richard Martinez
112 S. Standish Lane
Schaumburg, IL 60193

Richard is 15, and an avid ADAM user. Drop him a line. He would like it. If you would like your name listed here, let us know.

WE WILL PAY \$25.00 each for these games! \$25,000 PYRAMID-PRICE IS RIGHT-JOKERS WILD-WIZARD OF WAR-"2010" !!!!!!!!!!!!!!!!!!!!!!!!!!!!!

***** SOFTWARE FOR ADAM *****

Due to a recent arrangement, we are able to offer many programs, games, utilities, some unavailable before now. Software listed is in volumes, and on disc. For example, if it is Volume 1, all programs listed will be on that disk. Price shown is for the disc, and ALL the programs listed for that group. ALL THESE PROGRAMS ARE IN STOCK, OR AVAILABLE, AT THE TIME OF THIS WRITING. First come, first served. Order early and avoid disappointment!

These selections priced at \$7.95 per disk, with single program, game or utility on disk. No documentation, not needed with most.

DEADLINE (text game)	ADAM DIAGNOSTIC (Checks out ADAM, requires 16K Mem Upgrade
TROLLS TALE	SUPER SUBROC
DRAGON'S LAIR	ZORK I (text game)
DAM BUSTERS	SUREB BUCK ROGERS
VIDEO HUSTLER (pool game)	SUPER ZAXXON
BEST OF ELECTRONIC ARTS: a. HARD HAT MACK b. PINBALL CONSTRUCTION SET	

SPECIAL-SPECIAL-SPECIAL (Not ADAM abbreviated version, but the "wholeline" version)
 DIGITAL RESEARCH CP/M 2.2, & Assembler, Disk, Documentation, New, The Best, \$32.95. DON'T MISS THIS, ONLY A FEW ON HAND!

THESE ARE NEEDED BY ALL ADAM USERS. No documentation, generally 300 baud, but all have SmartKey helps. All are \$7.95 per disk.

FLASH CARD MAKER	SMART LETTERS & FORMS
EXPERTYPE	ADAM-CALC (GET DOCUMENTATION!!!)
ADAMLINK II	PERSONAL ACCOUNTANT (Home spreadsheet)
SMARTFILER (Revision 2700)	DESK SET (Call in word program)

MUSIC ORIENTED: MATH-Graphics-GAMES GAMES ORDER BY VOLUME NUMBER. ALL VOLUMES \$19.95 each.

VOLUME 1,	VOLUME 2,	VOLUME 3,	VOLUME 4	VOLUME 5
MENU	HELLO	STARTREK	SNOWFLAKE	MELBA
SILENT NIGHT	MENU	PLAYBACK	CHECKERS	PANDORA
"HARK, THE ANGELS"	QUESTEXAM	BLACKJACK	CALENDAR	OBSTACLE
BIRTHDAY	MILEAGE	OH DRILLER	DUKE CANNON	MORDOR
MUSIC	LOAN	SHIPBATTLE	E.S.P. GAME	MARI
MUSIC PUZZLE	CHECKBOOK	HANGMAN	CHARLOT RACE/WILD WEST	
MEYERPIANO	BIORHYTHM	MISSILE	HALL WREN	ROADRACE
DRUMS	METRICS	SUB-HUNTER	ROBOT	CHALLEY'S
TUNEMAKER	FLASHCARD	DEATH RACE	PLOT 3D	CROSSFIRE
Menu	ARITHMETIC	CROSSFIRE	BANNER	SNAKE
MUSICMAKER	VOCABULARY	ELIMINATOR	JINGLEBELL	LIFE
DISK BASED HELP	STATISTICS	CONCENTRATE	GETEM	MINEFIELD
MUSIC DATA	GRAPHING	HEART	FLOWER	HORSES
PIANO	WALLOONS	CROSSWORDS	DESIGN	POKER
BOMB	DECODE	SKI-TREK	SOUNDEX	TUTOR
LAUNCHPAD	DIFF-EQUAT.	OTHELLO	LOAN-PRINT	PLANETS
ADDRESS LOCATIONS	NUMBERS	TWILIGHT	KALEIDO	TREKPICT
MUSICSTING	TACHIST	HEART	STORY	HORSE RACE
(two more)	CURVES	DUNGEONS II	PASSWORD	HURDLE
	KALEIDO	HALLOWEEN	ROBOT II	HORROR SCORE
	JOT	CHARIOT RACE	HIDEWORD	HORSES
	OBSTACLE	OTHELLO II	GAME	STARWAR
	PYTHAGOREAN	DISKPUZZLE	BLD LOTTO	SLOW GAME
	POWERS	CANNONS	(THREE MORE)	PICK A CARD
	SQUARES	POKER		
	PI	ROBOT II		
	(SIX MORE)	(THREE MORE)		Continued,

ORDER BY VOLUME NUMBER, ALL VOLUMES \$19.95 each.

GAMES	GAMES	GAMES	TOOLS	UTILITY	
VOLUME 6	VOLUME 7	VOLUME 8	VOLUME 9	VOLUME 10	
Menu	Menu	HELLO	CARTCOPY	MENU	YOU WANTED PROGRAMS!
DISK	BRICKS	SCORE	ADAM BAS	BBS	
TOLKEIN	ROBOT	SAVED	ABAS DOC	BBS DOC	
KING	SNAKE	LIGHTGAME	UTILITY	BBS MESSAGE	PUT YOUR MONEY WHERE YOUR MOUTH IS!
GOLDEN	SURVIVAL	FLUTE	ALPHASORT	BBS DL	
SORCERER	MENU	FLUTESCORE	TEXT on H&R	BBS AID	THIS IS ABOUT AS COMPLETE AN ASSORTMENT AS YOU WILL FIND
LONDON	LIGHTHOUSE	LIGHTHOUSE	BnT COLOR	BBS MBC	
WUMPUS	ELIMINATOR	LIGHTSCORE	BnT DOC	AUTO ANS TEXT	NEXT MONTH, WE WILL HAVE MORE!
LIGHTCYCLE	TOYFACTORY	ALPHABET	JKL DOC	Z80 DIS	
STARWAR	BREAKOUT	MOTHERLODE	SOUNDEX	Z80 TEST FILE	
PANDORA	TICTACTOE	MOTHER I	ALPHABET 1	Z80 DOC	
MENU	DUNGEON	MOTHER II	EASELPAINT	TBL	
HORSES	CAMEL	LONDON ADVENTURE	CRUNCH MATE	TBL	
POKER	SLOT		CRUNCHER	D	
HORSERACE	STARTREK		CRUNCH DOC	HEXCODES	
	PUZZLER		(3 more)	Menu	

THIS VOLUME 11, A BIG ASSORTED GOODIES VOLUME, PRICE \$19.95

MENU	PIANO	GRAPHIC DEMO	SPIRAL	HOUSE	WHERE CAN YOU FIND MORE FOR YOUR MONEY?
HI	LIGHTHOUSE	menu	EGO	LEAVES	
HELLO	DRUM	BACKGROUND	SPACE	SQUARES	GET THEM BEFORE THEY ARE ALL GONE!
CONVERT	DECISION	TURNKEY	PAINT	BBS KIT	
CARTCOPY	BLASTOFF	MCCLAW	JINGLE	BIPEEK	STOP CRYING BECAUSE YOU DO NOT HAVE SOFTWARE!
COLORBAR	CP/M TO SW	SMART REV	WAGON	CHAT 2.1	
GRAPH DEMO	(count em! 31 selections, in all)				

The following selections have fewer games, etc, on the disks, but most are longer. These are \$5.95, per disk.

VOLUME A	VOLUME B	VOLUME C	VOLUME D	VOLUME E	
HELLO	HELLO	EVOLUTION	DONKEY KONG Jr.	ROC N ROPE	
CHATEAU	GOLDEN	TIME PILOT	ANTARTIC ADVENTURE	RIVER RAID	
CHATEAU III	FLUTESCORE	OMEGA RACE	PEPPER II	LOOPING	
CHATSCORES	ADVENTURE	FROGGER II	OIL'S WELL	BUMP & JUMP	
COMMITTED	BACKPACKER	TUTANKHAMEN	B. C's QUEST (tires)	CONGO BONGO	
RESCUE	VAMPIRE		BURBERTIME		
SURVIVAL!	WEREWOLF				
ADVENTURE	CIA				
WUMPUS	HINTS CIA				IF YOU DO NOT HAVE SOFTWARE NOW, IT'S NOT OUR FAULT!
	(3 more)				

VOLUME F	VOLUME G	VOLUME H	VOLUME I
DECATHLON	DRAGONFIRE	SIR LANCELOT	TOMARC THE BARBARIAN
WIZMATH	CARNIVAL	SEWER SAM	FRANTIC FREDDY
VIDEO HUSTLER	MOONSWEeper	WAR GAMES	MOTORCROSS RACER
CHUCK NORRIS	CENTIPEDE	COSMIC AVENGER	UP N DOWN
GORG'S REVENGE	ONE ON ONE	GORF	MONKEY ACADEMY
	BURBERTIME	ANTARTIC ADVENTURE	TOURNAMENT TENNIS
	MR. DO	MOUNTAIN KING	CHOPLIFTER
			SAMMY LIGHTFOOT
			SPECTRON

Q U E S T I O N S & A N S W E R S

Q. I am a new ADAM owner, and not good at using it yet. WHY does the screen show my paragraphs in the right place, but when it is printed, they are too far to the left, or pushed up next to each other?

A. Welcome to the Wonderful World Of ADAM! This is another example of the deadly ADAM "bump". I sympathize, and wish I could tell you that the solution was easy but unfortunately, it isn't. The problem lies deep within the dark recesses of the program SmartWRITER. This problem appears mostly when you have printed something, then correct it or edit the program in some way. See the next Q.

Q. Why is it that when in SmartWRITER, I have a very difficult time getting the beginning of a word, address, paragraph, etc. in the proper place, on the proper line, even when the monitor shows it to be correct?

A. See the above. Sometimes this can be overcome only by putting a period at the extreme left of that particular line, then the balance of the line will be just as it is shown on the monitor. There is NO quick fix, no real fix that I know of, other than a new word processor program.

Q. I use my ADAM at my place of work, and sometimes I will have a screen full of data, be called away, and an hour or two later, return, only to find the screen empty. This makes me very angry, when I have to do all the work over again. How can I correct this?

A. There are many conditions which will cause this, but you may be doing a lot of work for nothing. I have seen this happen with many ADAM's, because of a very short duration power outage. If you can scroll up, and find any of your work remaining, oftentimes the entire missing data can be restored by holding the space bar down, while holding the right cursor down. As if by magic, your data reappears, character by character, saving you from a lot of work! If this fails to solve your problem, you need an Uninterruptable Power Supply, which makes ADAM or any other piece of electronic gear pretty well immune to power outages.

Q. My problem is in my printer. If I turn ADAM on, write a letter or whatever, set the printing parameters, ADAM prints all the characters in about the first two or three spaces on the printer. Then if I turn ADAM off and on again, it prints O.K.. What is wrong?

A. You have a chip in the printer which is susceptible to an error causing a "glitch" or an "electronic gremlin". Almost every time a chip change is called for, but occasionally a GOOD surge suppressor, and grounding yourself before turning ADAM on, or turning him on, off, on again will cure this problem. Sometimes a "surface charge" develops on some chips due to very low humidity. We had a lot of this until we installed humidifiers.

SERVICE FOR ADAM

We, as we have said before, offer quick, careful, expert service on all parts of ADAM, and any item which can be used with ADAM. Just ship the defective unit (DO NOT TAKE ANYTHING APART!) to us, with the indicated deposit, insured, by UPS or mail.

We check and repair, advising you of price, you remit and we return. Very simple. Absolutely no estimates, because they take almost as much time as the actual repair, extra letters, waiting for response time, etc.

DISK DRIVES, original ADAM, deposit.....	\$25.00
PRINTER, " " " "	25.00
KEYBOARD, " " " "	15.00
MEMORY CONSOLE Stand-Alone Mod "	35.00
MONITORS, Monochrome.....	35.00
MONITORS, Color Composite.....	60.00
MONITORS, RGB.....	75.00

PRINTERS, other than ADAM:

DOT MATRIX.....	35.00
DAISYWHEEL.....	35.00
COLOR.....	50.00
INK JET.....	50.00
LASER (WRITE).....	WRITE
MODEMS, original ADAM.....	15.00
MEM UPGRADES, 64K.....	15.00
MODEM AUTODIALERS, ADAM.....	15.00

CABLES: we make or can furnish every cable used by ADAM, and in whatever length you desire.

In addition to repair, we make many upgrade modifications on ADAM. Either let us know what you want, or write us for what we can do. Such modifications, faster memory chips, faster microprocessors, latest program revisions, etc., are done every week. If you are bothered by RF interference, we can usually greatly lessen or entirely eliminate this problem. Unless the items have been run over by a semi, dropped off the tailgate of a pickup, or been hit by lightning, there is every reason to believe we can repair it, and at a reasonable price.

IF IT INVOLVES SERVICE, THAT IS OUR MIDDLE NAME (Thomas SERVICE McGee)

Usual turn-around time on repairs is very quick. WE KNOW THAT IT IS DIFFICULT TO SURVIVE WITHOUT YOUR COMPUTER!

THE ABOVE DEPOSITS ARE NON-RETURNABLE, NON-REFUNDABLE, but are intended as a deposit to cover handling, evaluation, time, and sometimes, the full repair. If repaired, the deposit is credited to the repair, if not, it pays for our time.

COMMODORE will soon be out with a new computer, the 64C. It looks like the 128, but they left off the keypad. The cost will be somewhere around \$230. There will be a software bundle, which will include GEOS, a new graphics interface.

COMMODORE will also be introducing their IBM "compatible" machine, the PC 10, for sale in the U.S. It has been selling for about a year in Australia, Canada, the United Kingdom, and Europe. It gets no medals for compatibility. COMMODORE also has wanted to sell a fully compatible (IBM) system and for a couple of years has been trying to buy the ROMS from IBM, but no go. COMMODORE has dropped the price on the AMIGA, to about \$1,100.

APPLE is going to sell the II C in the K-Mart system, but since it has taken a couple of years, with APPLE stalling, K-Mart may not go for it, since by the time this happens, a competition model will be out, gutting into K-Mart sales, unless they also handle the competition model. They have added hardware, such as vastly increased memory to the MAC, and the IIcE has a big memory available now. Color MACs are in the immediate future.

SEARS is now going to handle the English AMSTRAD, a clean, well engineered machine. There are three models available right now, with a real biggie or two to be out by fall. (We use an AMSTRAD CPC 6128, which has been upgraded to 2+ megabytes, here at ADAMLAND, and everyone praises it.)

ATARI has dropped the price on the 520 ST and the 1040 ST, and is sending both to the chains.

IBM, the computer giant, owns a large part of OLIVETTI, the major Italian computer-business machine company. Olivetti makes some damn fine computers, not seen in this country (I wonder why??????). OLIVETTI also has great numbers of programs, softwares languages, utilities, etc, which were originated, or produced in Italy.

ACORN, a big name in computers in the UK, and guess who owns it? OLIVETTI! They also own a chunk of MICRO-AGE.

AMSTRAD just took over SINCLAIR! So when you buy a QL, you will be helping AMSTRAD. Those tiny tape drives, and no provision for cooling them, were a big contributing factor to the collapse of SINCLAIR. A damn good machine, the QL, but ADAM learned that people just do not want tapes. Give them a disc drive that can chew on anyone's discs, and they are as happy as an old milk cow with new "cud".

The present AMSTRAD line includes two 8 bit Z-80 based machines. Do not snort and turn up your nose in disdain (or if its remaining, you may drown) at this. A well engineered, finely tuned, correctly programmed 8-bit Z-80 machine will outperform most 8.5 bit clones, any day of the week. Remember, some of the world's most important work has been done on machines like these.

==== SUBSCRIPT & ADDENDA ====

In this column, we put correction to previous articles, announcements, correct our mistakes (yep, we make 'em too) and add things which were inadvertently omitted previously.

In last month's Q & A, we compared operating speeds of some computers to ADAM. There are a few other variables which were not discussed. Some are:

1. An ADAM, with the original amount of RAM (64K) slows down as it comes closer to using up the available memory, as do many computers.

2. An ADAM with the added 64K RAM expansion unit stays fast much longer.

3. An ADAM with our Super Memory (2+ Megabyte Upgrade) stays very fast, throughout its operating range.

4. Certain programs tend to slow any computer when they require constant switching from and thru many parts of the computer.

5. ADAM can hold its own with most any of today's less expensive computers, and is far faster than the APPLE series, even the latest, just announced. It is naturally faster than the Commodore 64 series, and all of the Commodores including the C128, but not the MAC.

6. On many tasks, the older series APPLES slow to less than 1 MHz. Even going full out, the latest is slower than the ADAM.

7. We can convert ADAM to operate at 6 Mhz, or even 8 Mhz! Tell me old ADAM will not get up and run with the best of them!

8. Speed of operation is the name of the game. Why people continue to purchase slow systems is beyond me. Apparently they just do not know, or care.

9. Getting rid of SmartWRITER and the deadly ADAM "bump", installing a GOOD word processor and a few other goodies makes about as good a computer as most people can operate.

10. With our ADAM-IBM conversion, ADAM operates at 6 Mhz, the speed of the AT (other than the super new, very expensive one, just announced), and ADAM responds to MS-DOS, including the Disk Drives, AND the Digital Data Drives!

11. The ADAM-IBM combination gives you a COLOR computer, that is, in many ways superior to the IBM. To get a good color IBM, or clone, you must buy the basic unit, then add a color board, and then you will not get the color capability of ADAM! The mixture of the two systems produces a fine little computer.