The INTERNATIONAL COMPUTER USERS GROUP

LOCAL -- NATIONAL
INTERNATIONAL

NEWS & SUPPORT
TECH UPDATE

Dues include membership and 10 issues (June-July, Aug-Sept combined issues) of our fine newsletter "The ADAMLAND News", with Tech Updates, Hints & Kinks, Games, Graphics, Programming, information on Hardware, Software, Peripherals, New Products, Reviews, Glitches & Gremlins, CONSIGN-A-BIT Wanted and For SALE, Question & Answer Section, Friend Section, and, sometimes, Dr. Mumbles Microchip's Corner (He Who Is The World's Greatest Authority On Computering). ALL letters requiring an answer must have LARGE SASE enclosed, or Postal Reply Coupon, to cover. Our brochures, products, information, etc., are now in each issue of the newsletter, covering products ready for sale, special sale items, progress of others under construction, plus those in Research & Development.

Our tremendous ADAMLAND SOFTWARE LIBRARY catalog is available on disk or ddp, at minimal cost. We sell only to members. As a group, our buying power is great. Members benefit from news, exchange of ideas, the ability to purchase at discount, AND to have their questions answered on ADAM, IBM and compatible problems.

NOW IN OUR FOURTH YEAR OF SERVICE TO OUR MEMBERS!

U.S., APO's, FPO's, GPO's Membership & 10 issues	$20.00
PUERTO RICO, MEXICO, CANADA Membership & 10 issues	$25.00
FOREIGN Membership & 10 issues, by regular mail (by AIR: WRITE!)	$30.00

U.S. FUNDS, OR EQIVALENT, MONEY ORDERS ONLY! NO PERSONAL CHECKS!

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PLEASE READ EACH PAGE-ARTICLE-NOTICE-EACH MONTH! Things Change!!

THIS LETTER GOES TO EACH OF THE 50 UNITED STATES, ALL PROVINCES OF CANADA, PUERTO RICO, THE VIRGIN ISLANDS, GUAM, PANAMA, MEXICO, JAPAN, CHINA, KOREA, TAIWAN, NEW ZEALAND, AUSTRALIA, GREENLAND, ICELAND, ENGLAND, SCOTLAND, IRELAND, SWEDEN, HOLLAND, WEST GERMANY, BELGIUM, FRANCE, ITALY, SWITZERLAND, ISRAEL, EGYPT, SAUDI ARABIA, KUWAIT, DOMINICAN REPUBLIC, COSTA RICA, HONDURAS, PANAMA and others.

Published sometime after the first of the month, depending upon fishing season, small game hunting season, large game hunting season, shooting range practice, hives, arthritis, heart problems, writer's cramp, rain, sleet, snow, hail, wind, drought, power bumps, power outages, possibility of lightning strikes, actual strikes, lack of sleep, lack of time, but certainly not lack of dedication to the cause of the computer user.

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

ADVERTISEMENTS: If you wish to place an ad, send us a copy of the ad, or tell us to format it ourselves. We encourage pre-printed ads, to be used as inserts, but page size cannot exceed that of the newsletter. Extremely low rates! Helping you, helps us.

REMEMBER, ADAM, and IBM-COMPATIBLE USERS! THIS PUBLICATION IS DEDICATED TO YOU! TELL US WHAT YOU WANT. We will do our best.

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

Neither The ADAMLAND News, nor the INTERNATIONAL COMPUTER USERS GROUP, are connected in any way with any other manufacturer, unless it is so stated.

Product names mentioned in this publication are for reference and identification only, and ARE IN NO WAY INTENDED AS COPYRIGHT OR TRADEMARK INFRINGEMENT. We also give mention/credit to others whenever possible, and when we are certain where the credit belongs.

PRICES, SPECIFICATIONS AND OUR RULES OF OPERATION ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE, ITEMS MAY BE DROPPED FROM SALE OR PRODUCTION, RESTORED TO SALES OR PRODUCTION, WITHOUT NOTICE. NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS.

IF YOU WRITE IN, WANTING THE ANSWERS TO CERTAIN QUESTIONS, AND DO NOT RECEIVE AN ANSWER, the most likely reason is that your question(s) have just been, or are about to be, answered in the newsletter.

When ADAMLAND was first started, and from time to time., we circulated questionaires, asking the ADAM owners what they wanted, so that we could work in that direction. In response to these answers, we came up with many advances for the ADAM computer.

We came out with the 64K memory upgrade for ADAM. It sold very slowly, but continues to sell, slowly. Other outfits were quick to copy it.

Also, we were the first to offer 128K memory upgrades for ADAM. A large amount of man-hours and money went into this item. The ADAM owners supported it so well that in the first nine months, we sold exactly NINE units!. Again, other outfits were quick to copy.

Again responding to demand, we were the first to offer 256K memory upgrades. As a result of putting another bundle of money, and a great deal of man-hours into this, we sold FOURTEEN units in about the same time period as before.

Next, we came out with 512K memory upgrade, and very quickly replaced it with our 2.2 Megabyte memory upgrade. The reason for this was that the actual cost of the two were so near, it was more practical to produce the 2.2 Meg board, and let the member populate it with whatever was desired, anything from 64K, to the full 2.2 Mb. This was produced with a Hard Disk Interface, and Print Spool operations, so that ADAM would be immediately freed, to continue operations while printing. At the time of this writing, we are still the only outfit offering such a board for ADAM. It can also be used with most any Z80 based computer.

This last one has sold so well that it would appear that we can break even on it somewhere around the year 2056. In order to come out of these disasters and to stay afloat, we sold the 128, 256, and 512K board setups outright, to other manufacturers. We also sold the manufacturing rights to the 2.2 Meg board, reserving the right to sell the board, and service it, but not to install it, or to sell computers in which it had been installed. This means that we can service it only if it is not connected to a computer.

The next fiasco was in answer to the questionaires also. It seemed that the vast majority wanted Hi-Res, RGB, and an 80 column screen capability. We made it, sampled the market, everyone said it was too costly. "After all, if you were only paying $199.00 for the discontinued computer, why should you pay more than twice that for the upgrade?" This is utterly childish thinking, totally without reason and logic. A lot of money went down the drain again. Our prototype was purchased by a military person stationed in Europe, she has used it daily, in her clerical work, and has not experienced any failures requiring repair!. She also agreed, in writing, not to let anyone take it apart, and that if it ever requires service, we shall be the service agency.

Next, everyone wanted a double sided disk drive. We came out with two drives, one a 3" and the other Double sided, QUAD DENSITY! Naturally it would cost several millions of dollars to start our own production line for this item, so we "farmed" it out, to an offshore manufacturer, and it required a very large minimum guarantee, on our part. The money was furnished. Since we could not place an initial order of a comparable size to that which would be order by a large computer producer, we had to agree to "it will be produced at the end of production runs, and when practical".

The first shipment arrived, after long, long delay. These had a 90% rejection rate, when tested here. After successive delays, promises of shipment, etc., the second shipment arrived. Some recognized only one side of the disk, others would read and write only once, while others "ate" data like a meat hungry cannibal. Some of these would lose part of their data each time you called them up. None of the problems were due to our design, the mechanical work, and the quality of the chips were not anywhere near what they should have been. We are still in litigation with the manufacturer over this. They periodically ship us one, to as many as TWO drives! These operate correctly, and fill their contractual agreement. We shall NOT deliver any more of these drives until the litigation is over, for obvious reasons.

The latest near-fiasco was with our new word processor for ADAM. This is a necessity, to get rid of all the defects in the ADAM SMARTwriter, and to upgrade to 40 columns, standard, more if desired, allowing use of larger formats. Also, the word processor comes up on "power-up", totally replacing SMARTwriter, and NOT using any RAM, as would substitute systems entered from disk or ddp. After a long search by our attorneys, they found no reason why we could not name it "-------". After it was completely debugged and announced, we were notified that the name, not any part of the actual system, was held by another company!. Now we have to remove the name, redo all advertising material, including color brochures, scrap all chips using that name, and redo the system with another name!.

If we only had a crystal ball, so that we could determine what the ADAM users would support with their pocketbooks and wallets, instead of their voices! We are terribly in debt, because of lack of purchasing support, as shown above.

IF EACH MEMBER WOULD GET US ONE, TWO, THREE, or FOUR MORE MEMBERS, our sales base would be greatly increased, we could hire paid workers here, and this would be a great help toward getting us on an even keel again. Give a gift subscription to someone! If you give a gift membership, and get us three new members, you will receive a free one year added membership! If you do not get them all at one time, your credits will add up as you get them! As a further incentive, we will give you a certificate good for $5.00 toward purchase of any software, for each new membership you obtain. May we count on your help?

It was only thru the valiant efforts of a determined few that a lynching of the local weather man was aborted.

No meeting this month, or rather no-one could attend! Frozen fog! For days, we had fog standing in the air, from afternoon, thru the night, till about ten or so in the morning. Aircraft landings and takeoffs were impossible. Driving a car was extremely hazardous, so much so that little except emergency traffic moved. The trees, and all other things, were covered not with snow, of which there was already plenty, but with inches of frozen fog! Trying to drive a car just mashed the frozen fog on your windshield, to the point where wipers were useless. Those vehicles which did move, had headlights covered with ice, and the trailing edge of auto antennas, and everything else, had inches of ice, as decoration.

In the middle of all this, a major power transformer exploded, leaving all of Riverton and surrounding territory without electricity from 3:30 PM until 6:00 PM the following day, when an emergency transformer took over, supplying only about 1/4 of Riverton itself! NO EMERGENCY TRANSFORMER WAS IMMEDIATELT AVAILABLE! Clever thinking, by our Public Service persons! One had to be brought in from Oregon! And was days on the way! No "juice" in the meantime, except for a few, with even the airports closed to commercial traffic. Two private pilots killed, trying to make it to Lander, from Idaho.

Some stores stayed open evenings, and sales personnel assisted customers, by flashlight. One major supermarket sold all their beef at half-price, any cut. Well, it would haven't have spoiled! It was too darn cold! United Parcel Service was closed. No-place which relied upon computers run from the mains, for cash registers, etc., could stay open. Gas stations could not pump gas, a further incentive to stay home. Even McDonald's was serving cold sandwiches, no hot coffee.

Telephone service in some areas was curtailed. Fires were a big problem, from people trying to stay warm, in buildings normally heated only by electricity, or which used electric fan blowers to move heat. Around here, it is a bad sign, when the sign says "100% electric".

Fortunately, my place has an old fashioned two hole cooktop wood stove on the front porch, a convection gas furnace on the back porch (doesn't require electricity), three kerosene lamps, for just such emergencies, and of course our camping equipment gasoline lanterns, and camping stoves. Our cookstove & oven is GAS, not electric. If all else fail, I would just wase the snow, or whatever, to my camper truck, which is entirely self contained, and kept supplied for at least a month. Buck has a similar setup, and so do most of us around the "mountain madness area".

At ADAMLAND, there is a backup generator, gasoline powered, and sufficient fuel always on hand to keep it running for at least a month. Gas and wood furnaces there, too. Supplies of most every kind, to fit almost every possible emergency situation are in stock. Believe me, it pays. Mos' people these days have what is called "supermarket dependency syndrome' (Buck's favorite phrase) meaning that instead of keeping the necessities on hand, in sufficient quantity to survive even a temporary breakdown in the distribution system, they have gotten into the habit of thinking that "the supply is only as far away as the nearest store". Tain't always so neighbor! And a good time was NOT had by all.

THE FLOPPY DISK AND THE FLOPPY DISK DRIVE

For years, since the first floppy disk drive was made, two very fragile, easily disturbed, easily broken, highly "electronically emotional" devices have existed.

As time has passed, one element has gotten considerably better, yet leaves much to be desired. The disk drives have improved drastically, while the floppies themselves have remained vulnerable to dust, liquids, gases, smoke, fingerprint oils, hairsprays, ua* ghastly gas driven deodorants, Angel's breath, Devil Drip, Gremlin Goo, Mosquito Muck, Fly Foo, Cockroach Cra-nberries, assorted and sundry other things that a particular disk may, find foulsome to its sensitive risibilities. Many a program, megabillions of megabytes of data, countless games, have fallen victim to the foregoing. We have suffered, for the most part, in ignorant silence, afraid to appeal to the lords called engineers and manufacturers.

Suddenly a small ray of hope appears, as if by magic! Sony has announced that they will be producing floppies with TEFLON coatings.

This bothers me. Why now? What took so long? Why in the name of creation didn't someone think of this before? Or if they did, what happened to the idea? We poor computer users just sit on our duffs and continue to consume whatever orts the manufacturers push on us. We complain quietly, for the most part (I don't! When the data blows, so do I! The Wind River Valley reverberates with my bellows and screams. Thousands of tall pines fall from the wind. Oh well, they probably were infested with the pine beetle, anyway).

A step forward? Certainly, these disks will be a step in the right direction. Definitely not a large step for mankind. But a help.

There are many other forms of storage lurking about, out there in the hinterlands, just waiting to be sprung on the public. Since the disk, as we know it, is about at the molecular level of its performance, bring us another morsel!

Next step would seem to be a device similar to a ROM chip, capable of being programmed, written to, read from and erased, all from the keyboard, as desired.

Perhaps the finished product could be a whole board, with these chips, sililar to a drive, which could be inserted into an electronic "drive". Preferably it would hold a megabyte or more, and be encased in a tamper-proof, accident proof, static proof, dust proof, liquid proof case.

Today, the technology it there, the need is there, the manufacturers are there. Let's tell them to get at it! (Remember, you heard it here first!)

*ua (underarm, of course)

!! SPECIAL SALE !!

UNTIL JANUARY 15, 1988

OUR HOLIDAY GIFTS TO MEMBERS!!

#MFEC Multifunction Exp. Cabinet
  as listed, our ad CUT to $ 99.95

#BM-2 Two + Megabyte Memory Board
  for ADAM, CUT to only $320.00!!

#AI-1 ADAM-IBM Conversion, as listed
  our ads, CUT to $450.00
  Nearly a hundred fifty bucks off!

These are special order items, and
  after JANUARY 15, std prices apply!

TAKE 15% OFF any other advertised
  hardware items on our
  NEW PRODUCTS FOR ADAM List!

Orders not received in time for
pre Holidays delivery, will be
delivered after the Holidays

DONT WAIT! GET ORDERS IN NOW!!!!

NEW PRODUCTS FOR UPGRADING THE ADAM COMPUTER

THE SUPERSWITCH: Pushbutton select from any combination, such as two computers and a VCR, or one monitor or TV. ADAM cable goes to switch, Gold End monitor cable supplied. Usable with more than one computer, work on one while the other is printing, or watch a movie from the VCR, all without changing cables! SS-3, $21.95 + $2.50 HIS, CONUS.

ARE-2 RESOLUTION ENHANCER: Use with Stand Alone model or Expansion Module. Improves readability of text, graphics & colors. Removes blurs & smears. No internal connections, easy to install. Includes Gold End Cable. #ARE-2, $79.95, + $7.50, HIS. IT DOES NOT PERFORM IN SOME INSTANCES! If your ADAM, TV or monitor are doing their best, it is not needed. If your blurred, ghosty image is due to improper drive, improper match, it will make a dramatic difference. Now made in good ole US!

DESK MONITOR CABLE: Special GOLD END desk cable for ADAM. With genuine gold plated ends for low loss, perfect connections. Helps stop screen clutter, helps keep picture clean. 3 ft. $6.95 + $2.50 HIS, CONUS. 6 ft. $9.95 + $2.50 HIS, CONUS

CLOCK-CALENDAR: Gives time and date at turn on, and whenever called up, will also print on printout. #CC-2, $79.95 installed. THIS IS THE ONLY ONE OF ITS TYPE AVAILABLE FOR ADAM!

ADAM RAM 64: ADAM 64K Memory Upgrade, installs in slot #3. Extends storage in SMARTwriter, adds to SMARTbasic, allows multitasking in ADAMCALC, lets you print while working. Very valuable for CP/M, for long programs, speeds up ADAM, THE BEST THERE IS IN 64K! #AR-64, $49.95 + $2.50, HIS, CONUS

ADAM 1200 MODEM: MODEM AND INTERFACE CABLE, FOR USE WITH ADAM. THIS IS BRAND NEW! High speed, saves a lot of money and time on long distance access calls!. Operates at 300 or 1200 baud. Auto-dial, Auto-answer, AT command set and Hayes compatible, and all the goodies a fine modem should have, and priced lower! #ADAM 1200-$169.95, + $5.00 His, CONUS (External modem, all controls, op lights on front)

ADAM EXTERNAL POWER SUPPLY: Replaces ADAM's which is in the printer, allowing the use of a different printer. Easily connected. #AEPS, $27.50, + $7.50 HIS CONUS. THIS IS AN IDENTICAL REPLACEMENT!

ADAM BIG MEMORY: 2+ Megabyte upgrade for ADAM! Supplied with 256K, user upgradable to 2+ Meg. On same card is INTERFACE CONNECTION FOR HARD DISK! Use as RAM DISK, PRINT SPOOLER, etc., Ever notice how ADAM (or any other computer) slows down, way down, as you come nearer to using up the available memory? Add lightning to ADAM! With documentation, software, etc.. #BM-2, #399.95, + $7.50, HIS CONUS. ADDITIONAL memory, in 256K blocks available from us, and we strongly recommend our chips. "BARGAIN" chips are almost never a bargain.

41256 "C" type chips. The low current drain ones, 150 ns or better, $54.00 for 256K, 120 ns $59.95. NO HIS if installed on your board, when board is ordered. $2.50 HIS if ordered separately. Whether or not you realize it, there is a BIG difference in chips! Order as much memory as you want, we will send or install on our BM board for you. If you "go" for cheap chips, you'll be sorry!

SPEED SYSTEM: The name of the game in computers is SPEED! ADAM operating speed is 4 Mhz. We can alter your ADAM to 6 MHZ (same speed as IBM standard AT) or even 8 Mhz. Modernize that ADAM! Compatible with all ADAM systems, etc. Write for prices.

LIGHT PEN FOR ADAM: PAINT ON SCREEN, DO GRAPHICS, LOGOS, ERASE, MAKE MENU SELECTIONS, USE AS DIRECT ACTION CURSOR. Do design work, make cartoons, banners, signs, figures, etc. With interface, software, instructions. ONLY TWO MODELS available, Master, #M-1, $169.95, and the cordless professional model #PC-1, $259.95. Either + $5.00 HIS CONUS. (Now made is good ole US)

NEW WORD PROCESSOR FOR ADAM: Installed on motherboard, is the default program, coming on at "power-up". DOES NOT USE UP YOUR RAM MEMORY, as does any system or program entered from Disk or DDP. Solves the deadly ADAM "bump", spacing problems, and all the other programming problems with ADAM's system. We will later make it possible for you to also have ADAM's operating system on board too, but not at present. (Just not enough help, at present) $165.00, installed, with manuals, etc. + return shipping of your console $10.00. CONUS. (Name change in progress)

COMPANION CALC: New, installed on motherboard calc program, far superior to ADAMCALC. Called up from keyboard. Integrates with the new word processor. Also does not use up your valuable RAM for the program. CP/M 2.2 and CP/M 3 (CP/M +) compatible too. Will be ready about February.

NOTE PRICE CHANGES, AND HIS CHANGES!

MORE NEW PRODUCTS

LAP TOP ADAM? Not really, but you can get the same effect with one of our long keyboard to console cables. Sit in your easy chair, stretchout on the floor, or work from your bed. No more being tied to ADAM by a "short umbilical cord" 10 ft $10.95, 15 ft $13.95, 20 ft $16.95, 25 ft $19.95, any + $3.50 HIS, CONUS

ADAM-IBM COMBINATION. Now your ADAM can use IBM programs, with all the windowing, multitasking, colors, and other abilities that combining the two systems allows. None of the capabilities of ADAM are lost, and you gain a great deal in the IBM-Compatible features. After installation, you may choose instantly to run as an ADAM system, an IBM system, or even a mix of the two! All systems are converted instantly to operate in the IBM system, this means ADAM data drives, disk drives, console and keyboard respond to either ADAM commands, or IBM commands! Our system is a TRUE 16 bit, not an 8/16, like the IBM XT. Operating at 6 Mhz, with full input & output at the cpu, it is very very fast, faster than a Turbo XT, and as fast as a good AT. You can use CP/M 2. 2, CP/M 3 (CP/M +), CP/M 86, BASIC, MS-DOS, all ADAM systems. 100% text compatible with IBM, will run many IBM programs, except those which are "hardware dependent". These will require software patches, or hardware additions. Must be installed by the purchaser. DO NOT PURCHASE IF YOU ARE NOT PROFICIENT IN FOLLOWING INSTRUCTIONS, and in soldering, desoldering. If you have ever built electronic projects, you will have little problem. Size: 15 inches wide, 18 1/2 inches long, 8 inches high. Regular price #AT-1, $599.95 + $15.00 HIS, CONUS. Four operating, setup, instruction, manuals.

THIS CO-PROCESSOR IS NOT LIMITED TO BEING USED WITH ADAM! It can be interfaced with almost any computer which uses the Z-80 family of chips as the CPU. If you are interested in using it with another computer, write, telling us all about the computer, and we will advise whether it is possible. Most are as easy to convert as ADAM or AMSTRAD.

WARNING! Do not overestimate your, or a computer friends prowess. If damaged, you will have to stand the cost of repairs. We will not accept its return just because of your inability to understand it, or because you have ruined it. It, like other complicated computer boards, can be ruined by a static discharge from your body! Items such as these are not "plug 'n play", they require some work, and some programming. If the instructions are followed, and you use logical progression, you will gain a great deal of computer knowledge, and will have a computer of which you can be justifiably proud.

MULTIFUNCTION EXPANSION CABINET: A cabinet and power supply ideally suited for the handy person, for housing upgrades and additions to most any computer. Ideal for the ADAM-IBM conversion, BIG MEM., etc. COLOR: IBM BEIGE.....PAINTED STEEL CABINET, EPOXY.... Neoprene feet....Ventilated front panel....Fully fan cooled with ROTRON "Whisper" fan...Heavy duty IBM style power cord.... Cutout for system reset switch...Heavy duty front mounted rocker switch, with panel indicators. Front panel cutout, can be used or covered as desired. Heavy duty power supply on a slide-in, edge-connector card, supplies +5 V, 5 Amps, -5 V .1 Amp, + 12 V, .45 Amps, and +24 V 2 Amps.....Flip two locking levers and power supply slides out....Best EMI filtering system we have seen.....Input-output connectors on the rear. Finest construction you are likely to see. A truly professional piece, in looks, performance and adaptability. Ideal for the person not really sure what he/she will be adding in the future. How & what you put in it is up to you.

ALL BRAND NEW!

	#MFEC-1,	$119.95, + $15.00, HIS, CONUS			
CABINET LESS POWER SUPPLY	#MFEC-1-LPS	$69.95, +	"	"	"
POWER SUPPLY SEPARATELY	#MFEC-PS	$64.95, +	"	"	"

All the MFEC units come with very detailed documentation, pictorial and schematic diagrams, repair info, parts lists, where obtainable, crossover indices, etc..Comparable cost nearly $600.00! These cabinets have been used to house hard disk drives, floppy disk drives, tape backups, various expansion units. Originally, SPERRY ordered them for use in Advanced Airline Pilot Flight Training Simulators. Positively nothing but the best.

STANDARD PARALLEL MULTICONDUCTOR CABLE for the above: $12.95, if needed.
 Finest quality materials used. New. Usual price: $24.95
NPRODII

NEW PRODUCTS-PRINTERS

There are really only a very few printer manufacturers, producing printers under a great variety of names, even private labels. Some will be sold at low prices, some at moderate, and some at very high prices, although the ONLY DIFFERENCES MAY BE THE PACKAGING AND NAME ON THE PRINTER! ALL FEATURES IDENTICAL! We call these "GENERIC" printers, and search out the best buys for our members. It is also more practical to call them by a "generic" name. We supply our own generic name, for advertising purposes. This is very practical, since we may have exactly the same model, but under several names.

The foregoing also applies to monitors, modems, and many other computer additions. We are constantly searching for the best buys for our members.

THE BEST PRINTERS FOR THE MONEY, ANYWHERE

"The PRINT STAR"   LIST PRICE $299.95
170-190 characters per second, draft mode
 30-35 characters per second, GOOD Near Letter Quality
Adjustable Tractor feed standard, accepts single sheets
80 column carriage
Labels as small as 2 1/2 inches
3k buffer
does graphics
Standard Centronics Parallel interface
Epson compatible
one year warranty
A very satisfactory dot matrix printer, at a low member cost $219.95

"The PRINT PRO"   LIST PRICE $1,000.00

 295-310 characters per second, draft mode
 55-65 characters per second, LETTER QUALITY MODE
 136 column carriage
Many types of print, selectable from front panel pushbuttons
Makes labels, does superior graphics, pictures
8 k internal buffer
Pushbutton select type fonts, special characters, foreign languages.
Automatic cut sheet loader. Traction, pin, & friction feed
Accepts 32 k buffer
one year warranty, none better
Low member price, just $579.00!!

"The PRINT MASTER"   LIST PRICE $529.00
235-245 characters per second, draft mode
 45-55 characters per second, LETTER QUALITY MODE
    80 column carriage, 136 column compressed
    Prints elite, pica, compressed/expanded, italics,
    super/subscript, boldface, special characters, etc.
8k internal buffer
Makes labels, does hi-res graphics, prints pictures
Epson and IBM compatible
8k internal buffer
Front panel pushbutton selectable type fonts
Accepts 32 k buffer, bin type cut sheet feeder
Centronics parallel, IBM parallel standard
one year warranty
Top quality printer, usable on all computers.
Made to run continuously, trouble free
Your member cost, $349.95

ADAMLAND carries all accessories for these printers, including cables for matching most all computers, ribbons, spare print heads, etc.

The PRINT STAR makes a good printer for ADAM, with the proper interface, and will produce your data, etc., at a rate of about equal to THIRTEEN TIMES as fast as ADAM! While at letter quality, it still produces print at about 3 times what ADAM will do.

The PRINT MASTER is about state of the art in an 80 column printer. It will do just about anything you would ever want a printer to do, except it will not do a full 136 columns, in pica or elite.

The PRINT PRO is at the state of the art in a 136 column printer. Of course it will print 80 column, or less, if needed. It is truly a professional unit.

Our software library is becoming so large,
that for reasons of sheer size, and postage,
we can no longer include it in the newsletter
or an introductory brochure.

We have perhaps, the largest variety of fine
software, and adding titles constantly.

Our catalog includes:
        Word processors   Spreadsheets
        Database Managers   Business
        Telecommunications   Accounting/Finance
        Applications   Art. Intelligence
        Educational   ASM Language
        Text Processors   Languages, misc.
DOS-BASIC-PASCAL-COBOL-FORTH-PROLOG-LISP
        Genealogy-Music-Games-Graphics
        Misc Utilities   Screen Editors
        Ramdisk Software   File Recovery
        Mathematics (simple & advanced)
        Printer Utilities & Spoolers
        Security-Hackers-Crackers
        Desktop Utilities
        Converters--CP/M 2.2, CP/M+(3)-CP/M 80-86
In future, this catalog will be furnished
to members only, on either disk or ddp, for
a fee of $3.95 disk, $4.95, special ddp.

The member may return the disk or ddp, 4
times a year, quarterly, for upgrading. The
charge will be only for a $2.00 HIS fee.

There will now be a COMBINED order form, to
be used for software and all other items,
in the newsletter and sent with each order.
This order form MUST BE SIGNED AND DATED, in
the appropriate places, and must be the
ORIGINAL, NOT a copy. New forms will be sent
with each order. READ before signing!

With selections into what seems astronomical
figures, this appears to be the only way of
handling this situation. We have, or will
 ave, every known program for ADAM, and
many transported from other formats.

We thank you for your continued support.

T H E   I B M — C O M P A T I B L E   P A G E

This page will be devoted to the hardware and software we offer for our own, and other IBM and Compatible computers.

LOOK FOR REDUCED PRICES, MANY ARE AT REAL SAVINGS !!!

N E W   F U L L Y   C O M P A T I B L E   H A R D W A R E   F O R   I B M   &   C O M P A T I B L E S

EXPANDED MEMORY 2 MEGABYTE PLUS, for PC, XT, and AT, compatibles. Conforms to INTEL, LOTUS, specifications. For all EGA, CGA, PGA, etc., applications. With software for graphics, ramdisk, spooler, etc. Manual furnished. The absolutely finest board of its type available. You may buy cheaper, but you will not buy better. List price, $459.00, to our members # IBM-EX2, $149.95, + $10.00, HIS. for the AT order # IBM-EX3, $199.95, + $10.00 HIS. These are at LEAST $50.00 OFF our best price!

RAM CHIPS, for these and other memory boards we sell. 120 ns tested, approved 256k sets. BEWARE CHEAP CHIPS! Some do not work when you get them, others cause trouble, some fail. Ours are guaranteed to function perfectly. $49.00 per set, PRICE REDUCED $6.00!!. No HIS if installed by us, $2.50, if not.

MULTI-GRAPHICS 3 BOARD. Hercules monographics compatible, 750 X 350, RGB, CGA, EGA, PGA, MGA compatible, top color 650 X 480. Top Mono 750 X 400. Resolution guaranteed to be as good, or better than advertised! Highest quality board obtainable, nearest competition $500 more. Cost # IBM-MG 3, $349.00, + $10.00 HIS.

MODEMAX 300/1200 external modem. Everything automatic, has voice switch, 8 status LED's, three pushbuttons, 100% HAYES compatible, with IBM or Standard Centronics Cable. All instructions, etc. Excellent performer. $139.95, + $5.00 HIS LOW INTRODUCTORY PRICE.

CABINET, Flip Top, Push Button Operated, easy to get boards in & out, standard color, takes up to FOUR DRIVES (HH) with speaker, and all hardware, to accommodate perfectly all PC, PC-XT and Turbo-XT Boards, Clones too. The boxes that slide-apart are mighty inconvenient. These are fine cabinets. LOW INTRODUCTORY PRICE, $49.00, +$12.50 HIS, CONUS

DRIVES Genuine IBM half height, double side, double density drives. The best to be had. You can buy cheaper, but save your complaints for the supplier. These are what we use for IBM & Compatible work. $98.00 each, + $7.50 HIS, CONUS, add $7.00 for ones with IBM logo.

P R I C E S   R E D U C E D !!

I B M - C O M P A T I B L E   S O F T W A R E

VOL IB-1 MUSIC FOR MUSICIANS. Lets you compose what you like, correct, record, correct, play back.

VOL IB-2 BASIC. RUNS BASIC PROGRAMS. A vital necessity for real work.

VOL IB-3 dBASE. DATABASE MANAGEMENT SYSTEM providing on-line help, and with screen editing functions.

VOL IB-4 THE CHECKBOOK. All the checkbook functions & utilities you'll ever need. TAKE CARE OF YOUR MONEY!

VOL IB-5 SPREADSHEET. The accounting package. General ledger type, used by accountants.

VOL IB-6 BUSINESS ACCOUNTING. Payroll, Accounts Receivable/Payable, Inventory, Depreciation, Processing 1099 forms, etc.

VOL IB-7 PAYROLL. Specifically payroll. Includes all tax systems, forms, reports, other features relating to payroll.

VOL IB-8 THE SALESMAN. Prints sales brochures, letters, memos, forms, outlines, etc. QUICK!

VOL IB-9 THE DESKMATES. Better than SIDEKICK and the rest of the desk-top utilities.

VOL IB-10 THE COMMUNICATOR. The fastest and best communications (modem) software available at any price.

VOL IB-11 THE "LATEST WORD". A word processor, better, faster, much easier to learn than Wordstar, at a fraction of the price.

VOL IB-12 KIDSWORD. Word processing for kids! Eliminates all the excess baggage & makes sense for kids.

VOL IB-13, 14, 15, 16, 17, ALL GRAPHICS Programs, from simple to very elaborate.All require dot matrix or similar printers.

All the foregoing are the results of a great deal of time spent searching to bring the very cream of the crop to our members. It is NOT necessary to spend many hundreds of dollars for a single database, accounting or Basic program, or for others. These are as good as they come, and often, hundreds of dollars cheaper.

-- B E S T   P R I C E S   Y E T !! --

ANY ONE OF THE ABOVE PROGRAMS, $11.95, + $2.50 HIS!! 5 or more $9.95 ea.! Self-documenting, all you need is on the disk.

for SMARTwriter

As you have most likely discovered, SMARTwriter will not recognize a second disk drive, even if you have a second connected! The apparent cure would lie in the reprogramming of the ROM, and I doubt if it would be worth the trouble.

THE ADAM "BUMP" up & down. The ADAM SMARTwriter adds an extra carriage return every time it saves a program or data to disk or ddp. Then when the file is loaded, this extra carriage return is removed. If you have ever had scrambled info at the end of a long file, which does not end with a carriage return, this is the most likely reason. Try to get into the habit of ending your files with a carriage return. It is an easy habit to develop. Just add a tap on the "RETURN" key, when you are finished.

USING THE "TAB" KEY actually puts spaces on the screen and in your saved material, while the cursor does not. Using the cursor to perform this function usually results in material being in an entirely different place than what is displayed on the screen, after it is passed to disk or ddp, or printed. Just remember, do not use the cursor keys to insert spaces, or to drop down a line, when continuing your entering.

PLAYING SAFE WITH THE CURSOR. When working in SMARTwriter, and you have gone back to alter text (edit, delete, add) and you are finished with the alterations, BE CERTAIN TO DROP THE CURSOR to the end of your material! Otherwise you are going to lose data.

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Just send us the name of the person or persons to whom you wish to give the gift, enclose a Money Order to cover, and we will take care of it, in your name. Note the sale prices! Save money by ordering now! Use the form below for gift memberships, and the standard order form for software & hardware.

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!!!! N O T I C E !!!!!

The ADAM schematics are printed
on one side of a page, only,
in order that they may be cut
and or pasted together, if
desired.

!!!SAVE THEM!!!

You may need them for later
troubleshooting, repair, parts
identification, and will surely
need them for interfacing some
ADAM upgrades.

SOFTWARE TRADES

People often write in, asking
whether we trade programs, games,
etc.. We most certainly do, on
the basis of TWO of your disks
or ddps which we do not have.
in exchange for programs,
games, utilities, etc., shown
on our list. PLEASE! Send only
good material, which would be of
interest to our members.
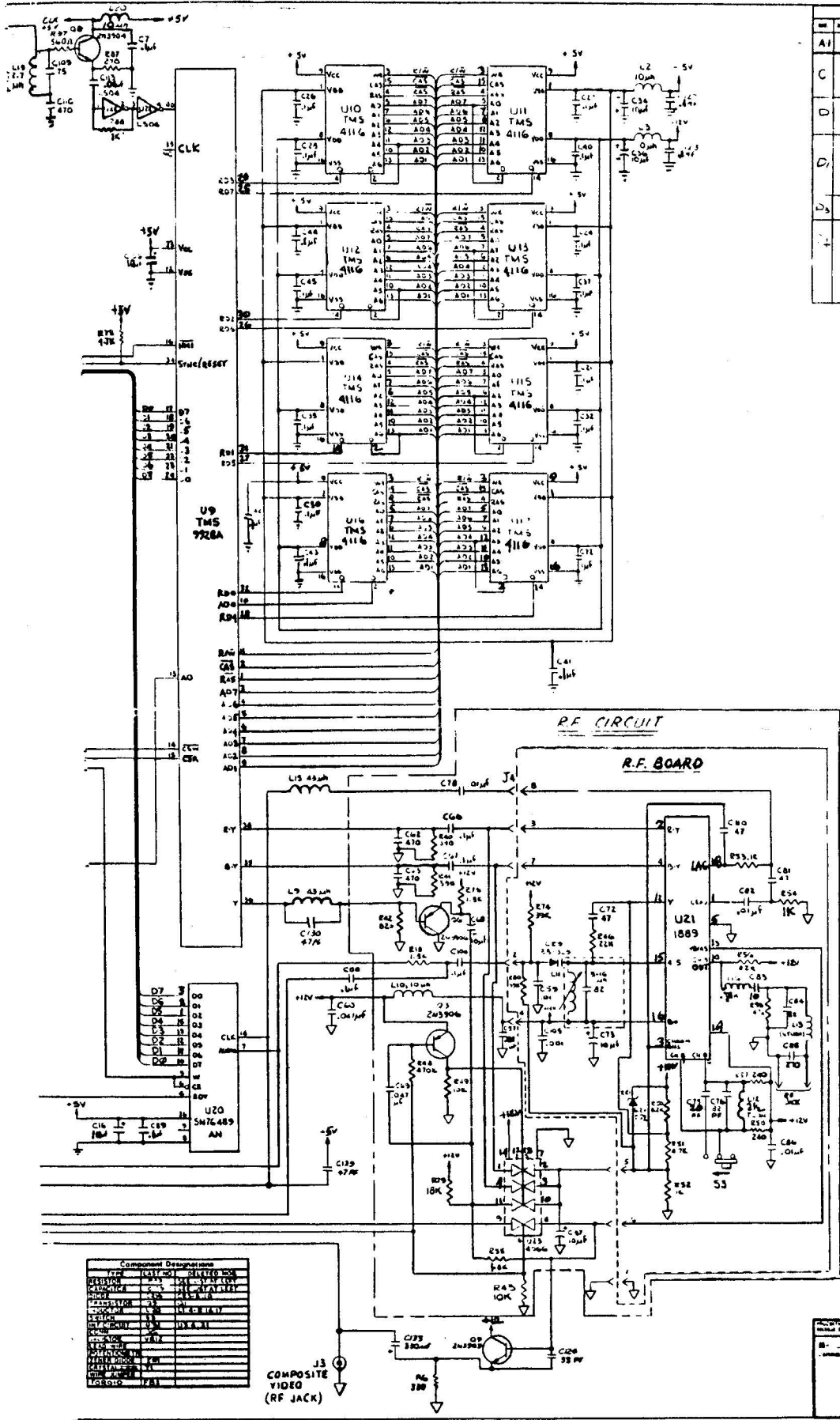
PRODUCTION
RELEASE
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Or Purchasing

SCHEMATIC
DELTA GAME

!! S P E C I A L   S A L E   !!

UNTIL JANUARY 15, 1988

OUR HOLIDAY GIFTS TO MEMBERS!!

#MFEC Multifunction Exp. Cabinet
   shown this issue, CUT to $ 99.95

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   NEW PRODUCTS FOR ADAM List!

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pre Holidays delivery, will be
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DONT WAIT! GET ORDERS IN NOW!!!!!

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INSTRUCTIONS

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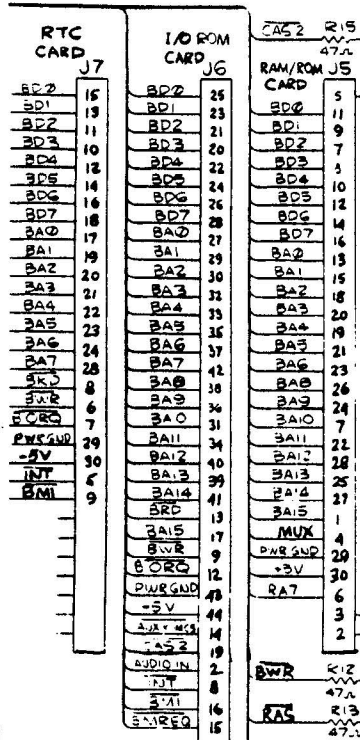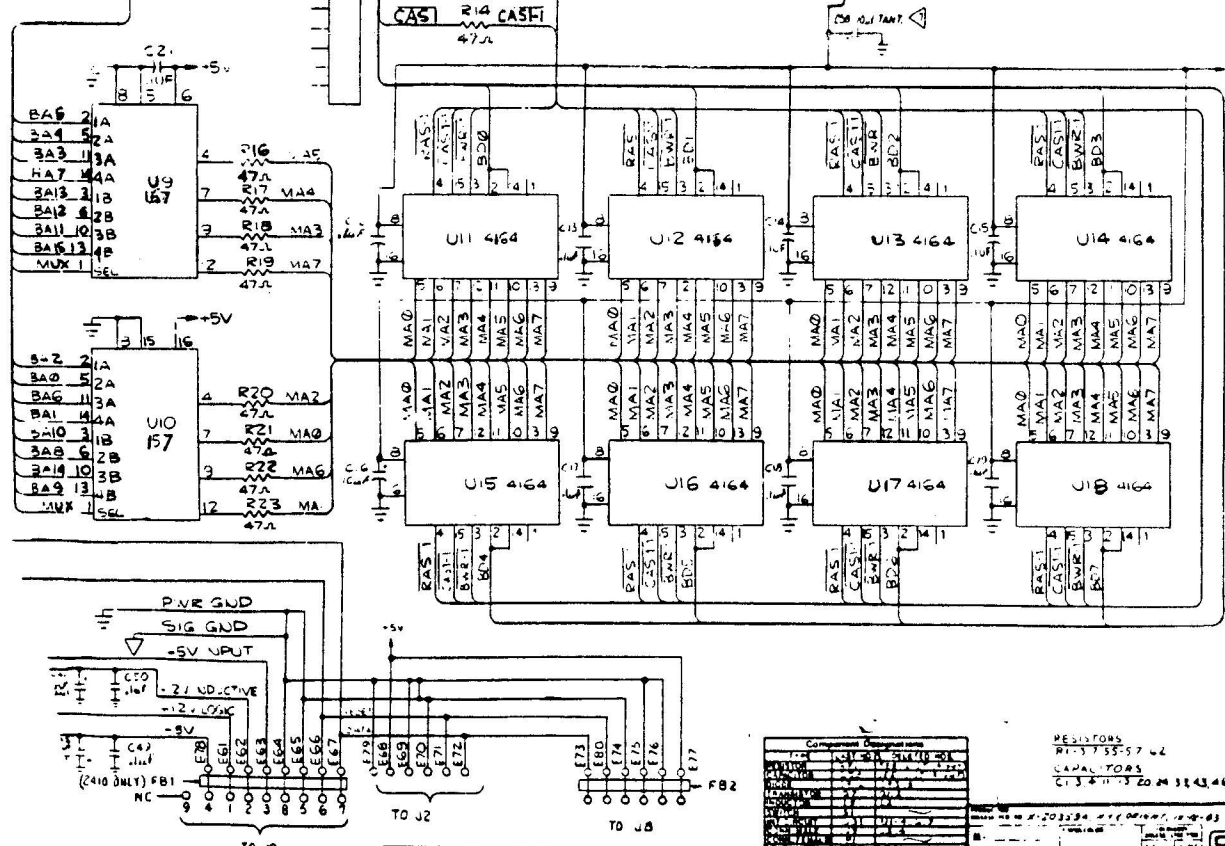INCLUDE 44 cents postage for information requests from the US, or International Reply Coupons for anything requiring an answer, or
we may not answer the letter! Example, it costs $1.56 US, for a 10 page AIR MAIL newsletter to the UK.

SHIPPING some items same day, some in days, some much slower. DO NOT WRITE ABOUT AN ORDER BEFORE SIX WEEKS!. IT JUST TAKES UP MORE
TIME, NEEDLESSLY. Certain new, out of production or special production items may be delayed, or items requiring us to reorder cause
delays. DO NOT ORDER ITEMS NOT ON OUR LISTS! Write in and ASK if we have or can get them. (Include postage, or better yet, STAMPED,
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IF YOU IGNORE OUR POLICY OF NO PERSONAL OR COMPANY CHECKS FOR MERCHANDISE, we shall ignore your order.

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items under warranty, items to be repaired. Your box MUST have a complete listing of box contents, indicating condition of each
item, bearing your signature.

CASH REFUNDS: If applicable, there will be a 20% HANDLING, CHECKING and RESTOCKING CHARGE. The refund will be delayed until item(s)
are thoroughly checked. After all, the next purchaser has a right to expect an item in perfect condition.

WARRANTIES vary, some are by manufacturer, some by us, some are not warranted. WRITE, if you have a problem, describing the problem
in DETAIL. If you receive an item which may have been damaged in shipment, YOU report it to the carrier immediately, ask for a form
to be filled out, right then!

SHIPPING TO US? If you ship disk drives, insert a piece of cardboard or scrap disk in the drive. If you ship a printer, use foam or
other soft substance to immobilize print head! If you do not follow these instructions, items may arrive in worse condition than
when you shipped them! ALL shipments must be protected by at least two inches of foam, bubble plastic, plastic "peanuts", shredded
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As a requisite to purchasing software from The ADAMLAND INTERNATIONAL COMPUTER USERS GROUP, I hereby state, avow, affirm that I am a member of said Group, and that I am not at present, and will not in future, be a party or contributor in any way, to any action or actions against said group, relative to copyright infringement, ownership of software, plagiarism or any connected action concerning-involving rights of ownership. If I ignore these conditions, I agree to be held in violation of contract, etc., under articles applying to same.

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