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 - NOW WITH "AMSTRAD" & "IBM" COMPATIBLES !!! - TECH   UPDATE

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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 44 cents or
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information, etc., are now covered in each issue of the newsletter,
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The only persons on our regular mailing list, and receiving special offer
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THIS NEWSLETTER GOES TO EACH OF THE UNITED STATES, ALL PROVINCES OF CANADA, PUERTO RICO, VIRGIN ISLANDS, MEXICO, NEW ZEALAND, AUSTRALIA, GREENLAND, WEST GERMANY, THE UNITED KINGDOM, ITALY, FRANCE, ISRAEL, AND SEVERAL OTHER COUNTRIES.

Published sometime after the first of the month, depending upon fishing season, small game hunting season, large game season, shooting range practice, hives, arthritis, heart problems, writer's cramp, rain, sleet, 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 or ambition.

We encourage articles from the general public and our members. SEE OUR ONGOING CONTEST! If you want to see your articles 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. Page size cannot exceed that of newsletter. Low rates.

REMEMBER, ADAM, AMSTRAD 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 ADAM USERS GROUP. The GROUP is a producer of software, hardware and special devices to be used with the ADAM and other computers.

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WE VALUE OUR MEMBERS, AND TRY OUR BEST TO SERVE THEM AS WE WOULD LIKE TO BE SERVED

\\\\\\\\\\ EDITORIAL ///////////
by BUCK

I want to comment about several things this month. Firstly, and perhaps foremost, once again we are asking ALL PERSONS, keep everything, all contact BY MAIL. For several reasons, the telephone situation has been getting increasingly out of hand. Some persons think "Oh, just this one call won't hurt". Multiply this by hundreds, and it does hurt. We will no longer answer long distance telephone calls in person, nor will we honor requests made by telephone, nor will we return long distance calls, EVEN IF THE CALLER SAYS CALL COLLECT. KEEP IT ALL BY MAIL!

Secondly, the matter of postage. During the last month, persons requesting information, and not including anything, not even a stamp or an envelope, those not including sufficient postage, and those just calling and saying "send me full information, etc" and members too, who do not include postage, cost us OVER $800.00! There is no such thing as a "free lunch". Someone eats, someone pays. We cannot afford to pay your postage, answer your letter, send brochures, etc., for nothing. Don't say "raise your prices" for that is just as unfair. Why should another member pay for some unthinking person's postage? As we have said so many times before, INCLUDE ENOUGH POSTAGE AND SHIPPING-ANY SURPLUS WILL BE REFUNDED!

Shipping costs, especially to Canada. Over a period of time, we have found that the only practical way to ship to all provinces of Canada is by AIR. Even this turns out to be very slow delivery wise. After it gets to one point, it may sit there, or be held up in customs for any length of time. Any large package costs a veritable fortune, to ship to a Canadian purchaser. It is far more practical to break the large package into several smaller ones, if possible! The only province which has United Parcel Service is Ontario, and even in this case, package size is limited, with even some monitors having to go by truck freight. Friends, truck freight is expensive. We just received a large shipment, which was ordered to be sent UPS. It came truck freight instead, and cost us just about DOUBLE! Into Canada, it is much worse.

We prefer to ship, in the Continental United States, by UPS. We have practically zero trouble with UPS, whereas with the US Mail, "look out, it's every man for himself"! We sometimes, out of necessity, mail some items. When we do, on such as single disk, or tape, the P.O. charges extra for a receipt showing it was mailed! The only time we use the Postal Service is when we are extremely pressed for time, very short handed, or it is the only way to go. Also the insurance offered by the P.O. is about as useless as anything can be. We once sent an order, valued at $3,500.00, by Parcel Post, COD. The parcel was delivered by the mail carrier, WITHOUT COLLECTING!. The patron had no scruples, claimed to have never received it, for months, and the Post Office never did pay for it! We finally recovered a part of the material, on our own, and "ate" the balance. Later, we finally received credit for it, from the IRS, on taxes. Such is life, in computer city.

GROUP NEWS
by A. Suzuki

There are no formal Group Meetings during June, July and August.

This month, at the World Famous One Shot Antelope Hunt celebration, we were privileged to meet a number of celebrities, ranging from Tennessee Ernie Ford to the President of General Motors. Believe it or not, we also met two of the top computer "Giants" in the industry, too. A good time was had by all.

Since our meeting coincided with that of the festivities, little business was accomplished, but dancing with the Indians, observing the rites, and participating in some, was very entertaining. Some of the members of the Group took on considerable cargo at the Bar-B-Que, including no small amount of Coors.

Several decisions were made. Among them, was one to investigate the possibility of, and find a new manufacturer for our drives. This is becoming incredibly costly, when a manufacturer does not live up to his contract, it causes a bad time for all. Legally, we are now getting the legal beagles into the act. The first few samples were defective form the standpoint of operating both from ADAM's DOS, and CP/M. The next few operated under CP/M, but not ADAM DOS. The last shipment was composed totally of cabinets, with power supplies, no AC cord, no interconnecting cables, NO DRIVES. The telephone calls which ensued elicited statements such as "We thought we would send the cabinets now, the boards and drives later". Why, for goodness sake? What use is one without the other? Further conversation produced only evasions, and equally unreasonable replies to questions. A great deal of money has been invested with this outfit, so much that it is going to be extremely difficult, financially, for us to put up another $100,000, for the deposit required by most of these companies, plus the contract to purchase the required minimum.

If the individual computer user thinks he/she has problems, let him/her bite off some like these! There may be a light at the end of the tunnel, however, (if it is not an oncoming semi-trailer truck) for two other manufacturers are waiting in the wings, if this problem cannot be solved to our satisfaction.

The new instructions for the Big Mem board are finished, and are being sent out now. This makes the boards easier to install, easier, quicker response to commands requiring big memory, and also makes the board fully usable on a wide variety of Z-80 based computers. Everything from ADAM and AMSTRAD to ZORBA.

Oh by the way, to you old timers out there, the Co-Op checks will be mailed out the first of December. All of you members of one year or more, who have purchased from the group will get a little bonus for the Holidays!

Thhhhaaaaattttsss all folks!

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

Due to a recent series of arrangements, we are able to offer many programs, some not previously available. All this software is on disk. If it is shown as Volume 1, or Volume A, for example, all programs, games, utilities listed under that heading will be on that disk. If it is listed by name only, such as "Dragons Lair" only that program will be on that disk. We cannot split the disks up (separate programs, etc.), you must take them as we get them. First come, first served!

PLEASE NOTE THE NEW PRICES ON SOME DISKS! ! !   Prices on this series, $9.95 per disk.

DEADLINE   DRAGON'S LAIR   ADAM DIAGNOSTIC checks out ADAM, req 64K Ram Upgrade.

SUPER SUBROC JEOPARDY   SUPER BUCK ROGERS

SUPER ZAXXON TROLL'S TALE   SPYHUNTER

DAM BUSTERS   ZORK I   BEST OF ELECTRONIC ARTS: a. HARD HAT MACK, b. PINBALL CONSTRUCTION SET

S BASIC 2.0 (This one really opens up Basic, allows full use of 64 K Ram memorey upgrade, other new features, with documentation.

I N T E R A C T I V E   G A M E S

Single games, interactive type, one game per disk, hours of entertainment, many possibilities of solution. Price: $9.95 ea.

ZORK III   SORCERER   HITCHIKERS GUIDE TO THE GALAXY   PLANETFALL   WISHBRINGER   STARCROSS

R E G U L A R   G A M E S

VOL "A"	VOL "B"	VOL "C"	VOL "D"	VOL "E"	
HELLO	HELLO	EVOLUTION	DONKEY KONG JR.	ROC N ROPE	THESE ARE ALL FINE GAMES!
HATEAU	GOLDEN	TIME PILOT	ANTARTIC ADVENTURE	RIVER RAID	
CHATEAU III	FLUTESCORE	OMEGA RACE	PEPPER II	LOOPING	
CHATSCORES	ADVENTURE	FROGGER II	OIL'S WELL	BUMP & JUMP	GET 'EM WHILE THEY LAST!
COMMITTED	BACKPACKER	TUTANKHAMEN	B C's QUEST FOR TIRES	CONGO BONGO	
RESCUE	VAMPIRE		BURGERTIME		
SURVIVAL!	WEREWOLF				
ADVENTURE	CIA				
WUMPUS	HINTS, CIA	ALL disks in this section $9.95 each.			
	DUNGEON				
	"IT"				

This is VOLUME 11, A BIG assorted GOODIES VOLUME, PRICE $19.95, 31 extremely useful selections!
MENU, HI, HELLO, CONVERT, CARTCOPY, COLORBAR, GRAPHICS DEMO, PIANO, LIGHTHOUSE, DRUM, DECISION, BLASTOFF, CP/M to SMARTWRITER,
menu, BACKGROUND, TURNKEY, MCCLAW, SMARTBASIC MODIFIER, SPIRAL, EGO, SPACE, PAINT, JINGLE, WAGON, HOUSE, LEAVES, SQUARES,
BULLETIN BOARD SYSTEM KIT (requires modem), BIPEEK (program to view binary files to determine length of file, and contents),
CHAT. 2.1 (a modem program),

VOL "F"	VOL "G"	VOL "H"	VOL "I"	THESE DISKS ARE $9.95 each
DECATHLON	DRAGONFIRE	SIR LANCELOT	TOMARC THE BARBARIAN	
WIZMATH	CARNIVAL	SEWER SAM	FRANTIC FREDDIE	WHERE CAN YOU FIND MORE FOR YOUR MONEY?
VIDEO HUSTLER	MOONSWEEPER	WAR GAMES	MOTORCROSS RACER	
CHUCK NORRIS	CENTIPEDE	COSMIC AVENGER	UP N DOWN	STOP CRYING BECAUSE YOU DO NOT HAVE SOFTWARE!
JORG'S REVENGE	ONE ON ONE	GORF	MONKEY ACADEMY	
	(basketball)	ANTARCTIC ADVENTURE	TOURNAMENT TENNIS	
	BURGERTIME	MOUNTAIN KING	CHOPLIFTER (helicopter)	
	MR. DO		SPECTRON	

M O R E   O N   T H E   N E X T   T W O   P A G E S   !!

MORE SOFTWARE

VOL "J"	VOL "K"	VOL "L"	VOL "M"	All these volumes, $9.95 per volume.
FLIPPER SLIPPER	FROM OUT OF THE JUNGLE,	GAME SAVER (!)	"2010" GRAPHICS GAME	
GYRUS	(TARZAN)	(do it yourself)	TAPPER	
VENTURE	SQUISH 'EM SAM	ROC & ROPE	H.E.R.O.	
MOUSETRAP	ILLUSIONS	GALAXIAN	FRONT LINE	YOU HAVE NO EXCUSE FOR NOT HAVING SOFTWARE!
ZAXXON	MONTEZUMA'S REVENGE	BOULDER DASH	TIME PILOT	
WAR ROOM	JAMES BOND	STAR TREK	SPY HUNTER	
	POPEYE			
	Q BERT II			

VOL "N"	VOL "O"	VOL "P"	VOL "Q"	VOL "R"
Q BERT	ROLLOVERTURE	DR. SEUSS	STAR WARS	MOTORCROSS
LADYBUG	ZENJI	AQUAATTACK	PITFALL	BLACKJACK
BASEBALL	SPACE FURY	GUSTBUSTER	PITFALL II	DECATHLON
BRAIN STRAINER	BEAM RIDER	LOGIC LEVEL	DESTRUCTOR	TENNIS
PIT STOP	ROCK & ROLL	FORTUNE BUILDER	BLACKJACK	ONE ON ONE
ROCKY	CROSSFORCE	DESTRUCTOR	"2010"	(basketball)
	THRESHOLD		KEYSTONE KAPERS	POKER
	JUKEBOX & SEARCH FOR QUINTANAROO			VIDEO HUSTLER

VOL "S"	VOL "T"	VOL "U"	VOL "V"	WE SOMETIMES TRADE GAMES, PROGRAMS, ETC.
SLITHER	DRAGONFIRE	SECTOR ALPHA	Not a game!	
THRESHOLD	FACEMAKER	DEFENDER	CALENDAR	IF YOU WOULD LIKE TO TRADE SOME OF YOURS,
DONKEY KONG	BLOCKADE RUNNER	FOOTBALL	any year, month	
VICTORY	ARTILLERY DUEL	FRENZY	day, date!	FOR WHAT WE HAVE, WRITE, FULL INFO FIRST LETTER!
SUPER COBRA	NOVA BLAST	DUKES OF HAZZARD	JULIAN-GREGORIAN	
VENTURE	DONKEY KONG		GREGORIAN-JULIAN	YOU MUST HAVE ONES WE DO NOT HAVE!
PITSTOP	WORD FUED		JULIAN DOC	
	ROBIN HOOD		MARGIN SETTER	
	SPACE PANIC		EXPENSES + TABEXERCISE + VECTORLIST	

VOL "W"	VOL "X"	VOL "Y"	VOL "Z"	VOLUMES IN THIS SECTION are $19.95 each.
"ELIZA" the interactive	DESCRIPTIONS	COINTOSS	SKIING	ALL are all super games, programs, utilities.
computer psychiatrist.	PATCH allows changing	DRAWSTRAWS	SPEAK A DOC	
Artificial intelligence	any byte on DDP or	MINOTAUR	SPEAKEZ	
program.	Disk	COBRA	CANABL FILE (car buffs)	
NUCLEAR REACTION	SMART DIRECTORY	PACPERSON	BOMBARD	MANY ARE INTERACTIVE, some not.
MAP OF USA	NEW DIRECTORY	PACKSPRITE	SLALOM	
RAT RACE	LAZARUS raise those	GUESS ME	GUNNER	YOU CAN'T BUY THEM ELSEWHERE AT THESE PRICES!
SQUEEZE compress files	files thought dead	SLOT MACHINE	TRAP & USA RACE	
TEST ALL COLORS	MAKE A DDP	CRAPS	BASKETBALL	
HOMEWORK HELPER	SKRUNCH	SHELLGAME	ROADRACE	
	DISK HELLO	OBSTACLE	BOMBS AWAY	
	SHAPETABLE	SCORE & doc	DIRK & CHIEF	
	CPMADAM FIX (modem)	for games	SPEAKEASY	
	SPRITE DOC & SPRITED		RUSSIAN ROULETTE	
	SPRITE EDITOR		SNALUMOR-DARTS-BOXING-BOMBARD	

MORE SOFT III

VOLUME 1	VOLUME 2	VOLUME 3	VOLUME 4	VOLUME 5	VOLUME 6
MENU	MENU	STARTREK	SNOWFLAKE	PANDORA	MENU
SILENT NIGHT	NUMBERS	PLAYBACK	CHECKERS	OBSTACLE	DISK
HARK, THE ANGELS	ARITHMETIC	BLACKJACK	CALENDAR	WORDGAME	TOLKEIN
BIRTHDAY	PI	OIL DRILLER	DUEL CANNON	WARI	KING
MUSIC	SQUARES	SHIPBATTLE	ESP GAME	WILD WEST	GOLDEN
MUSIC DATA	POWERS	HANGMAN	CHARIOT RACE	ROADRACE	SORCERER
MUSIC PUZZLE	PYTHAGOREAN	MISSILE	HALLOWEEN	HALLEY'S	WUMPUS
PIANO	CURVE	SUB-HUNTER	ROBOT	CROSSFIRE	LIGHTCYCLE
MEYERPIANO	DIFEQUATIONS	DEATH RACE	PLOT 3D	SNAKE	STARWAR
DRUMS	GRAPHS	CROSSFIRE	BANNER	LIFE	PANDORA
TUNEMAKER	METRICS	ELIMINATOR	JINGLEBELL	MINEFIELD	MENU
DISK BASED HELP	INTEGRALS	CONCENTRATE	GET EM	PICK A CARD	HORSES
MUSICMAKER	STATS	HEART	FLOWER	POKER	HORSERACE
DISK BASED HELP	BIRTHDAY	CROSSWORDS	DESIGN	TUTOR	POKER
BOMB	BIORHYTHM	SKITREK	SOUNDEX	PLANETS	
LAUNCHPAD	CHECKBOOK	OTHELLO	LOAN-PRINT	TREKPICT	
ADDRESS LOCATIONS	LOAN	OTHELLO II	KALEIDO	HORSES	
MUSICSTING	MILEAGE	TWILIGHT	STORY	HORSERACE	
P MOD DOC	ROADRACE	HEART	PASSWORD	HORSESCORE	
	SPARKLE	DUNGEONS II	ROBOT	HURDLE	
	WARI	HALLOWEEN	ROBOT II	STAR WAR	
	GROAN	CHARIOT RACE	HIDEWORD	SLOTGAME	
	OBSTACLE	DISKPUZZLE	GAME		
	JOT	CANNONS	BLDLOTTO II		
	KALEIDO	POKER	DUNGEON II		
	TACHIST	ROBOT II	OTHELLO		
	DECODE	SPIRALER			
	THE FLYING WALLOONS	GRAVITY			
	VOCABULARY	SURROUND			
	FLASHCARD	ESP CARD			
	QUESTION EXAM				

THERE IS ENOUGH VARIETY
IN THESE DISKS TO JUST
ABOUT FILL ANYONE'S
WANTS OR NEEDS!

ALL VOLUMES THIS SECTION $19.95
Don't forget! MINIMUM HANDLING,
INSURANCE & SHIPPING is $2.50 !!

CP/M 2.2, THE ORIGINAL, by DIGITAL RESEARCH, THE TOPS, new, in bookcase type box, containing the large looseleaf complete version of this operating system (O/S) the whole nine yards, capable of making ADAM operate like many minicomputers and some mainframes. Many more usable commands, capable of much more work and versatility than the original ADAM version. Separate command folder, to keep by ADAM when you are working. Clear vinyl pocketed disk holders in the notebook rings. The original disk furnished with this system is incompatible with ADAM. The full CP/M 2.2 was NEVER released with an ADAM compatible disk or data pack. This manual is immediately usable with the ADAM CP/M 2.2 digital data pack, or ADAM disk, and adds considerably to the usefulness of your ADAM. For complete versatility, we are in the process of transporting the full CP/M 2.2 to an ADAM compatible format, which is by no means a quick, easy job. It must be as error free as the original. We expect to have the disks ready in a reasonably short time, and they will be furnished to the persons purchasing the manuals at the following price, free of charge.

CP/M 2.2, the COMPLETE system, while they last, $54.50. The original price on these was nearly $200.00, and NOT in ADAM format! You will never see a bargain like this again!

MORE SOFTWARE on next page!

FOURSOFT   ALL VOLUMES in this section $19.95 each.

GAMES	GAMES	TOOLS	TOOLS	TOOLS	TOOLS
VOLUME 7	VOLUME 8	VOLUME 9	VOLUME 10	VOLUME 11A	VOLUME 12
menu	HELLO	CARTCOPY	MENU	ATTRIBUTES	HELLO
BRICKS	SCORE	ADAM BASIC	BBS	BOOT TAPE	CHECKERBOARD
ROBOT	SAVED	ABAS DOC	BBS DOC	CATALOG	MEMORY PEEK
SNAKE	LIGHTGAME	UTILITY	BBS MESSAGE	DELETE FILE	HEXCALC
SURVIVAL	FLUTE	ALPHASORT	BBS DL	EXAMINE FILE	CIRCLE
MENU	FLUTESCORE	TEXT on HGR	BBS AID	FILE COPY	CHRnASC
LIGHTHOUSE	LIGHTHOUSE	BnT COLOR	BBS MBC	GO RUN FILE	TEXT COLO
ELIMINATOR	LIGHTSCORE	BnT DOC	AUTO ANS TEXT	INITIAL DIRECTORY	SOUND
TOYFACTORY	ALPHABET	SOUNDEX	Z80 DIS	COMPARE	NEW YEAR
BREAKOUT	MOTHERLODE	ALPHABET I	Z80 TEST FILE	KRUNCH TAPE	IOport
TICTACTOE	MOTHER I	EASELPAINT	Z80 DOC	BINARY LOAD	SKRUNCH
DUNGEON	MOTHER II	CRUNCH MATE	TBL	MEMORY DUMP	INITDISK
CAMEL	LONDON ADVENTURE	CRUNCHER	TBL	RENAME FILE	CATALOG
SLOT		(four more) HEXCODES		FORMAT DISK	CHRS
STARTREK		menu		PATCH TAPE	GAMESUBS
PUZZLER				QUERY DEV'S	CIRCLEDRAW
				READ BLOCK	TONE
				BINARY SAVE	VECTORLIST
				TRIM FILE	SPRITED
				UNDERLINE	DNS TEXT
				VOLUME NAME	SPRITE
				WRITE BLOCK	HGR DRAW
				TRANSFER DATA	BINARY CONVERSION
				SET DATE	HPLOTMAKR
				ZERO TAPE	RENUMBER
					CHECKERBOARD

DON'T FORGET! MINIMUM HIS IS $2.50

THIS COVERS 1 to 5 DISKS

6 to 12 DISKS $5.00

THIS APPLIES to ALL DISKS, in
ALL CATEGORIES!

	TOOLS		TOOLS	PROGRAMS		PROGRAMS THESE Volumes $19.95 each	
	VOLUME 13		VOLUME 14	VOLUME 15		VOLUME 16	
CPMADAM	SKRUNCH	FILE MANAGEMENT		ZODIAC	READNE	STOCK-A	CALCULATOR
SORTER	NEWFONT	UTILICOPY PROGRAM		CATALOGPR	COIN COLECT	STOCK-B	COCALC
FONTLOAD	FONT	BKGRND & TEXT COLOR		POKER	UTILITY BILLS	MAKELABELS	JOBLIST
FONTEDIT	HIRESCHARS	FONT EDITOR PROGRAM		BASEBALL	UTILS DOC	STOCK-C	BANK STATEMENT
UTILCOPY	SHAPEMAKER	FILE TRANSFER		NET WORTH	INTEREST CALC	PECALENDAR	BREAKEVEN
BTCOLOR	CRUNCHER	basic or text		MENU	PERF FIN ASM	XMASCARDLIST	INVENTORY
COPYDISK	CATCLEAR	DDP to DDP		HORSERACE	PERF FIN DOC	BUDGET	INTEREST
BASUTILITY	TEXTREADER	DDP to DISK		CATCREATE2	PERF FIN PLAN	GOLF MATCH	FINANCE
COPYTAPE	TEXTWRITER	DISK to DDP		CHECKBOOK	MULTDIVEX	GOLF HDCAP	CALENDAR
EDITBLOCK	TEXTWRITDOC	DISK to DISK		PLANET LBS	US CITY QUIZ	GOLF TOTALS	WORDCOUNT
CARTCOPY	BINARYDOC	UTILITY DUMP		KENO	US PRES QUIZ	HOLIDAY UPDATE	
READ ME	HIRESCHARS	UTILDUMPMOD		ADDITION	LOVE YOUR GRAPHICS	BARGRAPH	
		FONTLOAD		MULTIPLICATION	SHAPESIZE	ANNUITY	
		TOOLKIT (MEM UTILITY)		HORSERACE 2	3D PLOT 2	MEAL PLANS	
		TOOLKIT OPERATING INST		BIBLEGAME	CIRCGRAPHICS		
				BIBLEDOC			

LATEST SOFTWARE NEWS ! ! !

All listed software is now available on DIGITAL DATA PACK or DISK!

For the many of you ADAM users out there who do not have disk drives, or who just like to use your digital data drives, we are now making all listed programs available both on data pack AND disk.

IF YOU WANT YOUR PROGRAMS ON DATA PACK--Simply use the same VOLUME NAME, number or alphabetical title, followed by "DDP", and add $4.00 to the cost of each volume.

For example: If you want VOL. 2, add "DDP", so it reads "VOL. 2, DDP"

If you want VOL. B, add "DDP", so it reads "VOL. B, DDP"

IF you want ZORK I, add "DDP", so it reads "ZORK I, DDP"

Remember, for DDP versions, add "DDP" behind the name of the volume, and add four (4) pictures of George, in legal tender, to the price of EACH VOLUME.

MAKE CERTAIN OF WHAT YOU ORDER, DO NOT MAKE MISTAKES! SOFTWARE IS NOT RETURNABLE FOR REFUND OR EXCHANGE !!!! IF YOU MAKE A MISTAKE, YOU OWN IT!

NEWEST ADDITIONS TO OUR SOFTWARE LISTS, ALL AVAILABLE NOW !!!!!!!!

SAT TEST	MIXD PGMS 1	MIXD PGMS 2	Individual Programs
VOCABULARY	SHAPEMAKER	LOTTO	TURBOLOAD
	SPRITEDEMO	BIRTHSTONE	BOUNTY
This vol	MUSICPLAYER	HOROSCOPE	QUICKCOPY
$9.95	COLORCHANGER	STARTREK II	TOMB
	CRAYONS	ELF	COPYFAST
	SDRANK	VALENTINE	ADVENTURE PACK I
	DAVE'S REVENGE	DONUT	AUTO AID
	TIMER	SHAPEDEMO	ADVENTURE PACK II
	CLOCK	HALLWAY	FLASH CARD MAKER
	SD RANKING	BOUNCE	all above $9.95 ea.
	FILESYSTEM	HI RES PLOT	
	EVIL MISSION	CATCREATE	The below are 2
	3 OTHERS	LOANPAYMENT	disk sets, require:
		5 Others	(flash card maker)
	This vol $19.95	This vol $19.95	FLASH FACTS-VOCAB
			FLASH FACTS-HISTORY
			FLASH FACTS-TRIVIA
			2 disk sets $12.95
			per set.

S U B S C R I P T   &   A D D E N D A

We WILL NOT accept returns on any kind of software except under the following conditions:

1.   If it is a single program on a disk or data pack, does not run, 1 will be replaced, with the identical game, program, or utility, PERIOD!!

   If a program, game or utility on a multiple pack or disk does not run, absorb it, for at the price you purchased the disk/pack, the other usables on the media more than compensate for it. This happens occasionally. We do not make 'em, just sell 'em as we get them. READ THE INSTRUCTIONS! Some will not run because they require Basic, CP/M, Extended Memory, or a combination of these. Certain programs will not run on older ADAMs, also older Expansion Unit #3's.

   DO NOT ASK TO RETURN SOFTWARE "Because it wasn't what I thought it was" or for any other reason. SOFTWARE IS NOT RETURNABLE, EXCHANGEABLE or SUBJECT TO REFUND! (except for the condition outlined under 1.) BE CERTAIN IT IS WHAT YOU WANT, before ordering!

   We are not running a lending library. It may be cute to copy and exchange, or try then trade, but you can't do it here!

On the matter of Big Mem, the ADAM-IBM conversion, and many others. On most any of these conversions, SOME of the work HAS to be done by you, or a competent person, with a knowledge of computer electronics. Some of these items require very minimal work, others, more extensive work. Usually cabling and connecting. We simply do not have the time to do it for you. Remember, COLECO did not make provisions for these items, so it has to be done by someone! Very few are "plug & play". If we did do it for you, the cost would naturally escalate, in most cases making the prices prohibitive. If you do not have these abilities, or know someone who has, perhaps a member of your local group, DO NOT ORDER THEM! We just cannot make this more plain.

Do not miss the boat on the #MFEC expansion cabinet. These cabinets are truly beautiful, and offer all the room needed for the Big Mem, the IBM conversion, and other expansion items for ADAM. The EMI Filtering is beautiful. The power supply is the best laid out you are apt to see. Flip two little levers, and the whole power supply, built on a card, slides out! Diagrams, parts lists, the whole ball of wax is furnished! You can even put a HARD DISK DRIVE IN IT, or extra ADAM drives, and still have room for boards! What could be sweeter? It would cost a bundle to duplicate it. Enough added room to install a rectangular aquarium, with your pet pirhanas, or an exercise wheel for the kid's gerbil. Fan cooling with a "whisper-fan" is included, so the little rascals won't overheat.

NEW   PRODUCTS   FOR   UPGRADING   THE   ADAM   COMPUTER

THE SUPERSWITCH: Pushbutton select from any combination, such as two computers and a VCR, to one monitor or TV. ADAM cable goes to switch, monitor cable supplied. Usable with more than one computer, work on one while the 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 aand Expansion Module. Improves readibility of text, graphics & colors. Removes blurs, smears, ghosts, etc.. No internal connections. Includes Gold End cable. #ARE-2 $79.95, +$10.00, HIS.

DS-QUAD DENSITY "SUPER-DISK" DRIVES FOR ADAM: 800K per disk, 1.6 MB total. TWO drives in low, slimline cabinet, three surge protected outlets on rear for computer, etc.. Front mounted switch controls everything. Self contained power supply, plus documentation & software. Supports CP/M formats, ADAM DOS, 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 gold plated ends for low loss, perfect connections. Stops clutter, helps keep picture clean. 3 ft, $6.95 + $2.50 HIS, CONUS. 6 ft, $9.95 + $3.50, HIS, CONUS

CLOCK-CALENDAR-DATE-IMPRINTER (temporarily discontinued, because of lack of member response. Everyone "SAID" they wanted it, we made it, then they didn't buy it!) If interested, WRITE!

ADAM RAM 64: ADAM compatible 64K Mem upgrade, installs in slot #3. Extends storage in SmartWRITER, adds to SmartBASIC, allows multitasking in ADAMCALC(printing while working). Very valuable for CP/M, indispensible for lengthy programs, speeds up ADAM. We think ours is best on the market! #AR-64, $69.95 + $5.00 HIS, CONUS

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

BIG MEMORY: New 2 + MEGABYTE memory upgrade for ADAM! Supplied with 256K of 41256 C type chips, user upgradable to 2 + Meg. On the same card with INTERFACE CONNECTION FOR HARD DISK! With documentation, installation software, etc., #BM-2 Meg, $399.95, + $7.50 HIS, CONUS.

CABINET, POWER SUPPLY, EMI FILTER, etc., for all the ADAM board upgrades! Complete with power cable. Power supply on slide-in/out card! MULTI-FUNCTION EXPANSION CABINET, #MFEC, $119.95, + $15.00, HIS CONUS

LIGHT PEN FOR ADAM! Paint directly on screen, do graphics, logos, erase, select from menu with it, use as free-hand cursor, do design work, (CAD) make cartoons, make banners, signs, figures, etc. With interface, software, instructions. THREE MODELS! Economy, Master & Professional CORDLESS! #E-1, $89.95. #M-1, $169.95, #PC-1, $279.95. All + $5.00 HIS CONUS

NUMERIC KEYPADS FOR ADAM! For you heavy number users. Keypads adapted to ADAM, sit at the right side of ADAM keyboard. Convenient! We must install this for you!#NKP $49.95 + $7.50, HIS CONUS

VOICE RECOGNITION-RESPONDENT for ADAM! Talk to ADAM, as well as have him talk back! Find out all about the APPLE, EVE and the Serpent!. WATCH NEWSLETTER! Should be ready sometime this fall, or early winter.

NEWWORD WORD PROCESSOR FOR ADAM! This will solve the deadly "ADAM BUMP" and the other shortcomings of ADAM's word processor. It is ALL HARDWARE, and once installed on the board, will be the "default program" coming up at "power-up". Extremely simple commands, just about as flawless as any program available, anywhere. Also ready this fall or early winter.

MORE NEW PRODUCTS

ADAM and ?? PRINTER BUFFER: THE FINEST AVAILABLE! Our latest printer buffer lets you dump up to 42 pages of text or graphics into the buffer, freeing the computer to do other work, while the printer does "it's thing". Panel indicators show amount of information in the buffer, and amount remaining as it is used. Has a BYPASS feature, allowing bypassing the buffer temporarily, printing new data from the computer, then returning to the information in buffer. Also has a COPY feature, allowing direct selection of the number of copies. A READY LED and a PRINTER ERROR LED, which will show if the printer is out of paper, "hung up" or not in the "ON" mode, or awaiting further command. This model can be used with either series or parallel dot matrix printers, NOT ADAM's OWN PRINTER, as well as MOST COMPUTERS! It CAN be used with the Coleco ADAM printer, but the cost is greater than that of a modern printer, and with the ADAM printer, there is no provision for graphics. Upgradable to 256K, or as high as 512K, by us. Upgrading not required for most purposes. Horizontal model currently being produced, 7 1/2 inches wide, 2 3/4 inches high, 4 1/2 inches deep. You may need series or parallel interface, and cables. We must know what computer you intend to use, as well as the printer type and model. The interfaces and cables are optional. Color & styling matches ADAM, IBM, etc.. #APB-2-64H, $179.95, + $10.00, HIS CONUS

HOW ABOUT A "LAP TOP" ADAM? Get this effect with a Loooooooooong cable, from keyboard to memory console. Just tell us how long. Think of the convenience! Sit in your easy chair, stretch out on the floor, or, work from your bed. NOW you do not need to be tied to ADAM by such a short umbilical cord. (example, 10 ft $10.95, + $2.50 HIS)

ADAM-IBM COMBINATION? You bet!! Now your ADAM can use IBM programs, with all 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 ability to run MS-DOS. Each system can be run independently of the other if you prefer, since ADAM can respond to its own commands, and respond to MS-DOS commands as well! ALL your drives are immediately converted to respond to either ADAM commands or IBM commands!. Our true 16 bit (NOT 8/16) system is currently available, and operates at 6 Megahertz. The result is a machine which is FASTER than a TURBO-XT, and fast as a GOOD AT! You can use CP/M2.2, CP/M 3, (CP/M +) CP/M 80, or CP/M 86, BASIC, MS-DOS and many many others. 100% Text compatible with IBM, will run many IBM programs, except those which are hardware dependent. These will require software patches, or hardware additions. Size: 15 inches Wide, 18 1/2 in long, 8 in high. Price, "AI-1, $599.95, + $15.00, HIS CONUS Four manuals

THIS CONVERSION UNIT IS NOT LIMITED TO BEING USED WITH ADAM! It can be interfaced with almost ANY computer which uses the Z-80 family of chip as the CPU. If you are interested in using it with another computer, WRITE, and we will tell you about it. Most are extremely simple to interface.) AMSTRAD is EASY!

MULTIFUNCTION EXPANSION CABINET: First shipment has arrived. Listen to these features: Ideal for IBM-ADAM, Big Mem, etc..
    Color: IBM Beige.......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 Power switch, with panel indicators.... Front panel cutout, can be covered or used as desired.....Power supply on a slide-in edge connector card, heavy duty, supplies +5 v-5 Amps, -5 v-.1 Amp, +12 v-0.45 A and +24 v-2 Amps. Plenty of power for all the expansion boards we have now or planned. Plenty of room too......Best EMI line filtering setup you are ever likely to see.....Flip two locking levers and power supply slides out (couldn't be easier). This is a truly professional piece, in looks, performance and adaptibility. Ideal for the person not dead sure what he/she will be using in the future. The beautiful box is here, what & how you put in it is up to you.

	#MFEC-1, $119.95, + $15.00 HIS, CONUS
Cabinet LESS POWER SUPPLY	#MFEC-1-LPS, $69.95, + $15.00 HIS CONUS
POWER SUPPLY ONLY	#MFEC-PS, $64.95, + $7.50 CONUS

(Makes an excellent power supply for ADAM, in case yours fails, or use it for many other projects. We can furnish easy conversion information for it to deliver other voltages) This is the finest power supply of its type we have ever seen All the above come with detailed documentation, including both pictorial and schematic diagrams, repair info, if later needed, parts lists, where obtainable, crossover indices, etc. DO NOT DELAY ON THESE ITEMS! WE DO NOT KNOW IF WE WILL BE ABLE TO GET MORE! Comparable cost nearly $600.00!

MORE PRODUCTS FOR ADAM

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ORIGINAL ADAM DISK DRIVES, RFE..................$249.95.....+ $10.00 HIS
ORIGINAL ADAM MODEMS............................$149.95.....+ $ 7.50  "
PRINTER RIBBONS  Mylar Multistrike....each.......  5.95 6 for $32.50 + $2.50 HIS
PRINTER RIBBONS NYLON Extra Long Life.each.......  5.50 6 for $30.00 + $2.50 HIS
COLOR RIBBONS, for ADAM Blue Yellow Brown Green
                Red Purple (Mix Match or all same)  9.75 6 for $55.00 +  2.50 HIS
DIGITAL DATA PACKS The best available.each.......  5.95 10 for 50.00 +  2.50 HIS
PRINTWHEELS, LONG LIFE (not like some)each.......  7.95 10 for 72.50 +  2.50 HIS
DISKS (5 1\4 in) LIFETIME WARRANTY! With Tyvek
      envelopes, Labels, Hubs, write protectors..  7.95 for 10       +  2.50 HIS
      Further discounts for large quantities
MINIMUM ORDER $15.00!      MINIMUM ORDER $15.00      MINIMUM ORDER $15.00
ALL PRICES AND ALL SPECIFICATIONS ON ANY ITEM WE SELL SUBJECT TO CHANGE WITHOUT NOTICE!
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HERE IS THE SHARPEST BUY YET FOR YOU DYED IN THE WOOL, 24 Karat COMPUTERATATORS (see Mother, I told you I would invent something someday!) OUT THERE!

THE BRIEFCASE PORTABLE / TERMINAL

A computer terminal you can carry in your briefcase, and from anywhere in the world that there is a telephone, you can:

 ACCESS: Your computer at home, to enter or retrieve information.
        From home, you can access your computer at work.
        Any modem equipped computer, information service, database.
        Any telex or TWX machine
        Get the latest electronic mail, stock market reports, etc.
        Send electronic mail.
        Out Status Symbol your computer friends!
        You can think of many uses, I am sure. Use on the bus, subway, in the terminal, on "Ole Paint" BUT NOT THE BIKE!

Features: LCD DISPLAY......... Has it's own memory......Printer interface..
        300 Baud modem built in.....Rechargeable Ni-Cad batteries....
        Built in Text Editor.......Separate function keys, requires
        NO PROGRAMMING!.....Straightforward Language, NO codes to learn....
        COMMAND KEYS........Nearly two dozen separate files of memory.

This is the neatest, most useful little unit we have seen. If you can't find a use for this tool, you must have games as your only interest! Light colored case, with dark keys. I fell in love with this little rascal the first time I saw it.
Price? You have seen true portables at all kinds of prices, but NEVER anything like this! NOT $900, not $700, not $500, not $399, not $299, NOT $199, but an amazing $129.95!!!!!!!!!! Of course we have to have some HIS, make it $10.00. What did you say? Of course! These are BRAND NEW, bought from a distressed dealer, but we will give an unconditional 90 day warranty on them, for both parts and labor. Sorry we do not have pictures, but if it isn't like I say, return for a full refund!

WE HAVE LESS THAN 30 OF THESE AVAILABLE, SO IF YOU "SNOOZE, YOU LOSE" or in more precise English, If you delay, you had best pray.

Phone couplers are available for the above, (didn't come with them) from us at $19.95, no HIS if you order WITH the Briefcase Portable, $2.50 HIS without.

Oh, by the way, it has a nice keyboard, with better keys than most microcomputers.

SERVICE ADAM-AMSTRAD-IBM-COMPATIBLE

We offer quick, careful expert service on all the above, and on any device which can be used with them. Ship the defective unit to us, WITHOUT DISASSEMBLING ANYTHING! Of course it is all right to unplug drives, modems, or any other peripherals, then ship the defective unit to us, with the indicated deposit, INSURED, by UPS or MAIL. Pack with original packing, or at least two inches of foam, all around the device(s). NEVER, NEVER SHIP BY FREIGHT, unless you live outside the Continental United States (CONUS)

We will check and repair, advising you of price, you remit, if necessary, and we return. Very simple. Absolutely no estimates, they take almost as much time as the actual repair. Deposits must be by Money Order or Certified Check.

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DISK DRIVES, original ADAM, AMSTRAD, IBM or compatible, deposit...$25.00
PRINTER, original ADAM.....................................".......25.00
PRINTER, OTHER THAN ADAM:
        DOT MATRIX.........................................".......35.00
        DAISYWHEEL.........................................".......35.00
        COLOR (ribbon type)................................".......50.00
        INK JET............................................".......50.00
        LASER..............................................".......WRITE
KEYBOARD-ADAM..............................................".......15.00
        AMSTRAD............................................".......30.00
        IBM & COMPATIBLES..................................".......30.00
MEMORY CONSOLES, all types.................................".......35.00
MODEMS,  ALL TYPES.........................................".......25.00
MEMORY UPGRADES, 64K ADAM..................................".......15.00
MODEM AUTODIALERS, ADAM....................................".......15.00
PLOTTERS ..................................................".......50.00
MONITORS:
        MONOCHROME.........................................".......35.00
        COLOR COMPOSITE....................................".......50.00
        COMBINATION COMPOSITE-SEPARATED VIDEO..............".......60.00
        COMBINATION COMPOSITE-SEPARATED-RGB................".......70.00
        RGB ONLY...........................................".......50.00
        EGA-PGA-CGA-RGB COMBINATIONS.......................".......75.00
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We make many upgrade modifications, all three makes. Let us know your wants, or write for what we can do. Faster memory chips, microprocessors and support components, latest motherboard revisions, etc., are done constantly. If you are bothered by RF interference, we can lessen it or stop it. Unless your unit has been dropped off the tailgate of a pickup, run over by a semi or lorry, there is every reason to believe we can repair it, and at a reasonable price. Usual turn-around times are very quick. We know it is difficult to survive without your computer!!

NOTICE!!!The above deposits are NON-RETURNABLE, NON-REFUNDABLE, intended as payment for our handling, evaluation time, and, sometimes, the full repair. If repaired, the deposit is credited to the repair, if not it pays for our time. ANY SURPLUS IS ALWAYS REFUNDED!

---- A D V E R T I S E M E N T S ----

T - SHIRT DECALS

Specially designed for the ADAM Computer and the ADAM Computer buff.

This decal is 8 by 11 inches, buff with black trim and displays an ADAM keyboard, two controllers, supported by an ADAM console, two disk drives with a printer on top. Paper in the printer has an important message, "I GOT ARTIFICIAL INTELLIGENCE".

The decals can be applied to t-shirts of your choice at most any t-shirt shop, or can be applied by you, your Lady, or the little old lady next door. Dont be picky about who puts them on, they look great!

PRICE? Only a finif, Five Bucks, fim marks, BUT BE SURE TO SEND THE BREAD IN U.S. DOLLARS or the equivalent!

They may be obtained from:

> John F. Busby II
> 6634 SW 41st ST
> Davie, FL 33314

John is a clever young man, and has filled another gap in the needs for ADAM with his keyboard overlays. Many programs for ADAM are available now, and if you switch from one to the other, trying to remember what the keys perform, from one time to another, is extremely difficult.

You usually wind up with a manual in one hand, the other hand steadying it on your knee, the other hand getting needed materials and the other two pounding the keyboard. (See what I mean, not enough hands!) These keyboard overlays are made in sixteen different formats:

1. AUTO-AID	9. DESK SET [B]
2. ADAMLINK	10. DESK SET [M]
3. ADAM WORD PROCESSOR	11. DESK SET [F]
4. SMARTTYPE W/P	12. SMARTFILER
5. VIDEOTUNES	13. RECIPE FILER
6. SMARTSPELLER	14. SMART LETTERS & FORMS
7. FAST-FILER	15. FINANCE/LOANS
8. DATA-CALC	16. PAINTMASTER

These jewels can be had for only a buck and a quarter apiece $1.25 or you can steal all 16 for only eleven bucks! That $11.00 will be some of the best money you ever spent, if you are a user of any of the above programs, and who isn't? They will save you a lot of time shuffling manuals, making trips to your psychiatrist, which cuts down on bread and computer time.

Once again, Checks are O.K., if you live in the 50, if not send the equivalent in U.S. dollars.

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 appeareed in print, and that the person submoitting 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 CONTINUES INDEFINITELY ! ! ! !

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

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

C O N S I G N - A - B I T

F O R   S A L E

#651   One Complete Stand-Alone ADAM (as issued over the counter) with everything normally supplied, original packing. $180.00

#652   One Complete ADAM (S-A) with 64K Mem upgrade, all standard manuals, PLUS CP/M 2.2, and assembler, ADAMCALC, over 100 games, utilities, programs, etc. $285.00.

#653   ADAM Stand-Alone Console, with game controllers, keyboard, cables, NO PRINTER. Has Parallel Interface and Cable for Centronics Parallel Compatible (Dot Matrix) Printer, also has 64K Upgrade, Full CP/M 2.2 System with manual and Disk, Also S Basic 2.0 and Disk. $210.00

#654   ADAM Printer, Complete, with paper guides added! Perfect, not a beat-up warranty return, as being sold by some! $85.00

#655   ADAM Modem, complete, Cable, Instructions, (ADAMLINK I & II) tape $85.00

#656   Centronics Parallel Interface for ADAM, with Cable for Compatible Printer,(dot matrix, daisywheel, thermal, etc.). $75.00

#657 ADAM SMARTFILER, with original book, binder and tape. Perfect $14.95

#658 Original ADAM 64K Memory Upgrade, Perfect $60.00

#659 ADAMLAND Adam 64K Memory Upgrade, Perfect $60.00

#660 One slightly used Big Mem 2.+ Megabyte Memory Board (only)
 for ADAM, 0 K installed. (Put in your own) $299.95 Save a hundred bucks!
Can be used on almost ANY computer using a Z-80 or equivalent as the CPU.

#661 One only ADAMLAND's former Mem Upgrade 256K for ADAM, perfect $129.95

#662 One only ADAMLAND's former Mem Upgrade 128K for ADAM, perfect $79.95

#663   One only TEKNIKA MJ-22 Monitor, compatible with almost every computer made. We use some with ADAMs, have sold hundreds. This one formerly used on an IBM, replaced with a SUPER HI-RESOLUTION NEC. $295.00

ATTENTION!! All Consign-A-Bit items are checked before shipping, to ensure that they are in operating condition. No other warranty is expressed or implied! We will NOT accept returns or exchanges on any Consign-A-Bit items! They are sold "AS IS" just like a used car, or any other used item. For the small amount the Group receives for the convenience of selling these items for members, WE CANNOT GUARANTEE THEM! Any item found to not be in working order, by us, will be either sold as such, or repaired before sale. INCLUDE SUFFICIENT for UPS, INSURANCE, HANDLING!

WHAT IS ADAM?

According to some beliefs, ADAM was the first man, placed on earth by a caring God. To others, ADAM is a somewhat complex, highly useful electronic box, placed on earth by man.

At ADAM's Nativity, he was designed to be an expandable tool, designed to keep pace with the expanding needs of man. Generally speaking, if he will not perform the tasks you want done, YOU are at fault! You simply have not furnished him with the proper nourishment. This "proper" nourishment occurs in at least three forms. Some in what is loosely called a "data pack", some in the form of a large, flat wafer, and some which must be administered to ADAM by finger feeding. ADAM also responds to electronic stimulation by means of telephone connections.

Properly cared for, properly fed, lovingly caressed, ADAM will respond by performing a great multitude of tasks, many of which would be either impossible, very time consuming or financially unrewarding, for you to do alone.

He is also an admirable companion, for male and female adults, as well as children, because of his innate ability to educate and entertain, as well as to work.

Yet, without programs, ADAM is like any other computer. He will merely sit there, looking for an opportunity to expire, from natural or unnatural causes.

WHAT DOES ALL THE FOREGOING MEAN?

It means, very simply, that ADAM himself must be supplied the tools with which to work. The quality of these tools affects the quality of work performed.

In our listings of software and hardware, you will find food and tools for ADAM which will allow him to perform to the ability of his constitution, and to your heart's desire.

Try, experiment, ply ADAM with questions, while supplying him with the ability to furnish the right answers.

With the very wide selections of software continually being added to our library, there is absolutely no reason for ADAM to suffer poor nutrition.

Treat him well, and he will respond with alacrity, and show his gratefulness, as should any good servant.

Second name for this column "Stop the alibis folks, there is NO reason why ADAM cannot do, or be made to do, WHATEVER!"

BM-2, BIG MEMORY BOARD
ADAMLAND made for ADAM & any computer using Z-80 processor
Cost $399.95, + $7.50, HIS, CONUS

Features:

The BIG MEM BOARD is a Ram Disk and SCSI interface for a Hard Disk Drive.

It can be used for high capacity temporary memory , both for itself, and for transfer to hard disk. It allows massive print spooling, large, professional graphics or design characteristics, large scale "painting" plus a long time between sending material to disk, stopping the frequent interruptions when using small memory. It also has the feature of operating TEN TIMES the speed of a disk drive, for storage and retrieval of data. It further allows the host computer to operate at full processor speed, not slowing down as the memory is used up. (Ever try to operate a nearly full ADAMCALC or spreadsheet?) Makes a professional acting machine out of the ADAM.

The board is designed for a maximum of 512 KB, when using 4164 chips, and 2 + Megabytes, using 41256 chips. We are now shipping it with 256 K, one row of 41256 K chips installed. The two types of chips cannot be interchanged, they must all be the same type. It was originally delivered with the 512 K, but since, to upgrade from 512, it is necessary to do away with the 4164 chips, we thought this to be too wasteful, and went to the single row of 256 K chips. Chips must be added a full row at a time. You may add as you desire, or order the chips installed, with the board.

The Ram disk is controlled thru the operating system as a standard disk drive, with a data transfer rate of approximately 2 megabytes per second! Power is supplied from the expansion connector, and power consumption is about 0.9 amperes with full RAM installed.

Any of several controllers may be used, as long as they are ST-506 compatible. SCSI card should be configured 256 bytes per sector, no parity, drive number 1. This configuration will be explained in SCSI card manual of the SCSI manufacturer.

CP/M 2.2 system generation is semi-automatic, and uses the commands for SYSGEN according to the DIGITAL RESEARCH MANUAL. CP/M + generation produces a new system for automatic start program, and is in part, determined by the type controller and hard drive installed. Accepts hard disks from 5 to 20 Megabyte capacity, and such as Seagate, Miniscribe, IMI, Shugart, Microscience, CMI, etc. Of course, it will operate without a hard disk being attached.

Remember, hardware added to a computer just sits there, in most cases, unless it is addressed by software.

This device is invaluable for operating in the various CP/M modes as well as the functions described above, and in conjunction with the ADAM-IBM COProcessor, makes the ADAM into a machine equalled by very few.

We furnish only the board, complete ready to be connected to the ADAM, and the operating instructions. There is not enough room inside the ADAM cabinet, or in many other computers, for this board. Since we have no way of knowing in what it will be installed, the choice of cabinet is yours, as well as the connecting cable, if required. We strongly recommend our #MFEC expansion cabinet, which is ideal for housing many expansion boards, etc..

If you are not competent, if you do not have a grasp of computer electronics, or have someone available to you, with this experience, DO NOT ORDER! If you blow it, you own it! It is not difficult to install, but brains, not brawn are reqired.

D E A T H   T O   D I S K   D R I V E S   ! ! ! !

You members out there who have to ship us disk drives for repair, listen up! We will try to save you some money!

Doesn't seem natural for us to give you information which will result in fewer repairs, when we sell drives, repair drives, does it? Certainly, it makes a lot of sense. If your drives are "down" you cannot use our software, programs, etc! If you cannot use them, you won't buy them! We both lose. If no replacement is available, you will probably abandon ADAM, again, we both lose. Also, repair parts for drives are getting to be as scarce as teeth in a duck!

WOULD YOU LIKE TO KNOW WHAT REALLY CONTRIBUTES TO THE DEATH OF DRIVES? Read on, McDuff.

1. Cheap disks. Very few people know the various steps and ingredients used in the manufacture of floppy disks, and the reasons why all those "bargain disks" exist. Dont delude yourself in thinking that because a disk is chesp, and works when you try it, that the problem is over.

2. The composition of the disk coating varies, and each manufacturer may have dozens of disk compounds, some for high quality disks, some for intermediate, some for cheapies.

3. So the ad says "meets all specifications" or exceeds some or all specifications. The ad NEVER tells you that the disk is a reject because of its abrasive qualities, or because it does not have sufficient lubrication built in to prevent head wear! Disks also have varying "drag factor", meaning that they actually impose drag on the operating mechanism and heads. This alone can wear out mechanical parts, and overheat electronics.

4. There are so many requirements to be met, for good disks, and yet more for excellent disks that it is beyond the scope of this article, but just reading this will open your eyes.

5. "Certifies single-side, but may certify both sides." Why do you think the maker certified only one side? There can be a flock of reasons, but it may have been that the "off-side" was extremely abrasive, perhaps as much as 100 times that of a normal disk!

6. Some disks "shed" the oxide coating from the surface of the disk, depositing it on the head(s), or distributing it throughout the drive mechanism and electronics. This material is both magnetic, and electrically conductive, while at the same time being so microscopically fine that you cannot see it. It can cause shorts, leakages, erratic performance. It sticks to everything, usually defying all attempts at its removal.

7. FALSE ECONOMY AGAIN. Those of you who purchase single side disks, which you should use for ADAM drives, then notch & punch them to make them double side, are only kidding yourself. The few pennies you save are sooner or later going to reappear on a disk drive repair bill only this time they appear as dollars! Sure, we know that this works but did you know that the internal pads which preclean the disk as it is run in one direction, gather up all the dust, grit and contamination, then when the disk is turned over, run in the opposite direction, they dump all the gathered up trash, and it winds up being ground into the disk all at once, and being exposed to the head and centering devices in a "wad"? Compare the differences in an occasional contaminant, and an entire collection being dumped at once.

8. It is utterly foolish to try to outwit these disk manufacturers. They are far more experienced at their business than we. They have all the possibilities mapped out, well in advance. A lot of the ultra-cheap disks are actually "floor-sweepings", the name applied to the lowest grade of rejects.   CONTINUED----------

Death, Continued

OK, some "smart" character out there will raise up his ugly head and loudly state, "I have been doing it for X number of years and nothing has happened." That answer is closely related to the one about the man who fell from the observation tower on the Empire State Building, and as he passed each floor, was asked how he was doing. His reply was "So far, OK". No message has been related about his words when he arrived at ground level. It just may be possible that the aforementioned individual has been receiving disks that were rejected for some of the minor reasons, and/or that the particular operating environment has helped prolong the life of the drives.

10. If you smoke, or allow smoking in the area where your computer is used, it also encourages trouble. Anyone should be aware of the prohibitions against spilling your drinks, dribbling food, etc into the operating equipment, but smokers are a particularly hard-headed, self destructive, arrogant group that do not want to listen to anyone. Tobacco smoke is corrosive, greasy, and leaves very harmful deposits on all parts of a computer, including drives, tapes, etc.. Have you ever noticed the inside of the windshield of a car owned by a constant smoker? Run your finger thru the film, then imagine what it is also doing to his/her lungs, as well as their computer. The problem is, you can tell them about this by the hour, and all they do is become angry, simply because they are, in effect, stupid. No really intelligent person will ever continue to use tobacco, in the light of the evidence.

11. The nearer the state of disaster your drives are, the quicker they can be pushed over the brink by any of the foregoing, and the sooner make a direct hit on your bank account! WISE UP!!

Of course, if you are just playing around, none of the foregoing statements mean much to you. But if you are a real programmer, or really use your computer drives as work horses, and have a bunch of time and money invested in what you are doing, or are "time-obligated" to someone else, and the drive suddenly quits, then panic sets in. All the precautions you can observe are sometimes not enough, but why aggravate the situation. It is illogical, but so often done, to abuse things for long periods, then when they fail, send them in for repair, expecting them to be returned day before yesterday.

Perhaps the most important factor to any computer pounder is the "AG FACTOR". I get enough aggravation daily, without enhancing it with some of the things on this list. KEEP 'EM RUNNING!!

              [][][][][][][][][][][][][] T H E   M O N I T O R [][][][][][][][][][][][][][][]
                              Monitoring the competition.

So, you have been impressed with the slick, pretty advertising and you are about to succumb to the pearly, puce producing pufflicity of the Commodore 128? Well friend, let's take a look at what you will be getting for those hard earned shekels!

Two old technology 64 K computers, capable of being operated one at a time, or being loosely tied together. A nice box in which this conglomerate is housed. Dont expect anything more, and, in the vernacular "There aint no more"!

Sold on the CP/M feature? Look again. It is supposed to run at a speed of 4 MHZ in the C-128, but it only runs on every half-cycle, so the effective speed is only 2 MHZ! That is HALF the speed of your good old ADAM! Reason for all this lies in the incompatibility between two totally different processors and that the controller used in the C-128 is the ancient 8564 VIC chip! To avoid conflict between the Z-80 and the 8564, one works during one half cycle, then the other works for a half cycle. This is a perfect study in reverse thinking. On the other hand, it seems that Commodore has always been able to sell old technology, as well as a lot of problems, to the public.

Naturally, while in the "C" mode, the computer is just as slow as the C-64. There are some other bugs still in the old design, which slow down your ability to perform useful tasks. If you cant do considerably better than ADAM, why spend the bread? FINI

SALE SALE SALE HOLIDAY SALE SALE SALE

SPECIAL SALE, FROM NOW UNTIL NOVEMBER 20, only.

10% OFF ALL HARDWARE!!!!! (Does not include consigned items)

This sale is for HARDWARE ONLY! Does not include software.

Includes everything listed under "NEW PRODUCTS FOR ADAM"

Take advantage right now! We offer these items for sale to members only!

All you have to do is mention "SALE" on your order form! IF YOU DO NOT PRINT "SALE" ON YOUR ORDER FORM, YOU WILL NOT RECEIVE THE
SALE PRICE!!!!

There will be lots of orders received, SO DO NOT WAIT UNTIL THE LAST MINUTE, AND BE DISAPPOINTED! PLACE THAT ORDER FOR THE ITEM
YOU HAVE BEEN WANTING ASAP!

REMEMBER, the sale is on hardware ONLY!

If you have any questions about the particular item you want, WRITE IN NOW! DO NOT WAIT!

SALE SALE SALE HOLIDAY SALE SALE SALE

10% amounts to as much as nearly $60.00 on one item alone. On several items it can amount to a lot of money. Take advantage of
the sale!

     MORE ADDITIONS, LATE INFO, ETC.

C O N T E S T !!!

Our contest has been very successful. Some material has been outright donated, and as soon as we can find the time and space, we
will be running a program or two, in each issue of the newsletter. We will try to make a good mix of them, so that you will have
games, utilities, special programs, etc. We are grateful for the tremendous response, and will CONTINUE THE CONTEST AS AN
ONGOING FEATURE! NO EXPIRATION DATE! PRIZES STILL BEING AWARDED, AS BEFORE!

A M S T R A D item list will not be ready before next issue!

IBM & COMPATIBLES item list will be ready at the same time.

HOMER WILLOUGHBY: SPECIAL NOTICE !!!!
     Your contest entry is the best entry we have seen! Please! Please! furnish us with your address! There was no address on
either your large envelope, nor on the letter inside. If any of you members know Homer, let him know. He apparently is lost,
somewhere in the CHICAGO AREA. (At least that was the postmark)

* * * * *   Q U A K E R   G U N   * * * * *

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O R D E R I N G   I N S T R U C T I O N S

PLEASE READ CAREFULLY!

MONEY ORDERS, CERTIFIED CHECKS OR CASH ONLY, for merchandise. Check O.
K. for subscriptions. ALL PRICES U.S. FUNDS!
INCLUDE SUFFICIENT TO COVER HANDLING, INSURANCE & SHIPPING!
DOUBLE the HIS for HAWAII, ALASKA, PUERTO RICO, CANADA, APO's, FPO'S, &
GPO's.
IF IT HAS TO GO BY TRUCK or AIR, it will be MORE! We have NO control
over shipping costs!
TRIPLE THE HIS for other countries.
ANY SURPLUS WILL BE REFUNDED.
DO NOT ALLOW YOUR ORDER TO BE HELD UP BECAUSE OF INSUFFICIENT HIS!
PRINT, SO IT CAN BE READ, YOUR NAME, ADDRESS, ITEM # ORDERED!
INCLUDE A LARGE, DOUBLE STAMPED SELF ADDRESSED ENVELOPE, or
INTERNATIONAL REPLY COUPONS FOR ANYTHING REQUIRING AN ANSWER, or we
may not ANSWER THE LETTER!

ALLOW FOUR TO SIX WEEKS for shipping. Allow this much time before
phoning or writing us regarding orders. SOME ARE SHIPPED THE SAME DAY
RECEIVED, while others may be delayed because of production schedules,
some require us to order, and place us at the mercy of the supplier.

IF YOU NEED QUESTIONS ANSWERED, which is a part of the services we
offer, BE SPECIFIC! Give us ALL the information you have relating to
the questions! This saves time and letters.

IF ORDERING CONSIGNED ITEMS, GIVE THE C-A-B #, REASON: many times we
have similar items at varying prices, due to age, appearance, revision
#, etc., and we want to be CERTAIN that you get what you ordered.

IF you choose to ignore our policy of NO PERSONAL CHECKS, NO COMPANY
CHECKS, for merchandise expect a loooooooooppppppooooooong delay in
processing your order. DO NOT SEND PERSONAL CHECKS AND ASK US TO HOLD
THEM, because CC's and MO's take precedence, and the item MAY BE GONE,
by the time your check clears!

We thank you for your attention to the above, and you may rest assured
we shall do everything possible, within commom sense limitations, to
please you.

IF YOU ARE NOT A MEMBER, JOIN.! OR ADD 10% TO ALL PRICES, except
shipping.

***** A D A M L A N D *****
795 Garfield
Lander, WY-USA
82520

PLEASE GIVE ALL THE REQUIRED INFORMATION. PRINT PLAINLY, OR TYPE

DATE_____

NAME_____PHONE_____

ADDRESS_____CITY_____STATE or PROVINCE_____

COUNTRY_____ZIP_____ORDER NUMBER_____

WHAT COMPUTERS DO YOU USE, OTHER THAN ADAM?_____
_____

QTY	STK No.	DESCRIPTION	PRICE	TOTAL

RETURNS: Before returning any item, a return authorization number must be obtained !!!!! Returns without authorization number will be refused!

Hdlg. Ins. Shpg._____
Sales Tax? _____
Grand TOTAL _____
Cash, M.O. or Certified Check Only!!

THIS FORM MUST ACCOMPANY ANY RETURNS. WITHOUT THIS FORM YOU WILL NOT RECEIVE CREDIT, AND WARRANTIES WILL NOT BE HONORED.

PACKED BY_____   ORDER O.K._____