

EVE ELECTRONIC SYSTEMS
2 VERNON ST., SUITE 404
FRAMINGHAM, MA 01701

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2 Vernon St., Suite 404
Framingham, MA 01701
(617) 653-3003

**PRODUCTS & SERVICES
CATALOG # 3**

Finally, the true power of your ADAM can be released!! The EVE product line for the Coleco ADAM has been designed to enhance, and add to the capabilities of the original product. The EVE line is designed for the **serious ADAM user** who is not satisfied with a 'sophisticated game machine', but rather wants an 'affordable' **COMPUTER** System capable of using readily available software for home, business, and education. The EVE product line picks up where Coleco ended!!

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Eve Electronic Systems is an independent support product developer, and is in no way associated with Coleco Industries.

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* SmartBasic, SmartWriter, ADAM are registered trademarks of Coleco Industries, Inc. CP/M is a registered trademark of Digital Research

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----- EVE ELECTRONIC SYSTEMS HARDWARE -----

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PRODUCT ORDER FORM

EVE SP-1 Serial / Parallel Interface Unit \$139.00

Opens the ADAM to the outside world! The SP-1 includes an RS-232C Serial channel, & (Centronics) Parallel printer channel. The SP-1 allows the use of hundreds of different printers, both high speed dot matrix, and letter quality. With the SP-1 you can now use standard modems, and direct connect to other computer systems. The SP-1 comes with software for use with SmartBasic, and CP/M. The SmartBasic programs allow the selective output to either the serial port, the parallel port, or the ADAM printer. A program is also provided to allow 'draft' printout of a Smartwriter file to either the serial or parallel port. The CP/M programs allow the 'IOBYTE' in CP/M to be set for the desired output. *Includes either serial or Parallel cable, PLEASE SPECIFY.*

EVE PS-1 Power pack to replace ADAM printer supply \$69.95

The EVE PS-1 Power pack is a replacement unit for the power supply in the standard printer. It allows the use of ADAM without the ADAM printer. It also provides power for the EVE line of interface products.

EVE SS-CC Speech synthesizer unit / clock calendar \$109.95

Now you can give ADAM a 'VOICE'. The EVE speech unit may be used with your programs to add capabilities to your ADAM that are only limited by your imagination! Also on this interface unit is a 'real time' clock calendar circuit so you, and ADAM will now have a access to the time and date as needed. Software included with the SS-CC: a standard phoneme library, and sample 'Talk' & 'Clock' programs. For use with both SmartBasic and CP/M.

EVE ME-64 64k Memory Expander unit \$54.95

'Equal to Coleco 64k Expander', will be required for use with 'EVE Voice Library' Program. Plugs inside ADAM.

EVE MU-2 Multi-unit Adapter Cable \$34.95

Allows use of two EVE units at the same time, such as the SP-1 and SS-CC. Eliminates the need for constant plugging and removing of cables in ADAM's expansion port.

EVE MU-3 Multi-unit Adapter Cable \$44.95

Allows use of three EVE units at the same time, such as the SP-1 and SS-CC. Eliminates the need for constant plugging and removing of cables in ADAM's expansion port.

EVE CPC-1 Printer cable assy. \$16.00

For use with the EVE SP-1 when connecting to a 'Centronics' type parallel printer.

EVE SER-1 Serial cable assy. \$16.00

For use with the EVE SP-1 when connecting to a Modem or most types of serial printer.

EVE SER-H CUSTOM Serial cable assy. \$20.00

For use with the EVE SP-1 when connecting to a *non standard* Modem or serial printer.

EVE VRC-1 Video / Audio cable assy. \$16.00

For connection from VD-MB or ADAM's Video 'DIN' Jack to monitor's video and audio inputs.

EVE CER-1 Card edge adapter \$14.95

For use with MU-2 and MU-3, allows devices such as the Coleco digital dialer unit to be connected with Eve interfaces installed.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ Home (____) _____ Work

QTY	Model / Description	Price each	Extended Price

- UPS GROUND →
- UPS Blue Label →
- UPS Nxt Day →
- U: int →

Mass Res. add 5% sales TAX _____

Shipping & Handling _____

COD FEE _____

- PAYMENT ENCLOSED
- MO or Certified Check
- Pers. / Company check

TOTAL Enclosed

MasterCard → Card # _____
 VISA → Expiration Date: _____

Name as on Card: _____

Signature: _____ Date: _____

Notes: _____

==== EVE ELECTRONIC SYSTEMS CUSTOM SOFTWARE SERVICES =====

Customized SmartWriter print program for your printer (for use with SP-1 and external printer) \$25.00

Your 8" CP/M programs transported to ADAM format disks \$15./first 140k + \$8./additional 140k

Your CP/M programs configured for the ADAM system \$35./hr. ** \$20. minimum

CP/M system driver software / custom mods. \$35./hr. \$20. minimum

** Programs purchased from EVE Electronic Systems configured for ADAM at no additional charge

MANY OTHER CP/M PROGRAMS AVAILABLE ** PLEASE CALL !!

++ Shipping & Handling Charges, Continental U.S.

UPS Ground -- \$ 5.00 first product, \$3.00 ea. addit'l
UPS Blue -- \$ 7.00 first product, \$5.00 ea. addit'l
UPS Next Day Air -- \$17.00 first product, \$5.00 ea. addit'l
U.S. Mail -- \$ 5.00 first product, \$3.00 ea. addit'l
Overnight Express -- Ranges from \$10.00 to over \$100.00
Call for quotation

++ Method of Payment

MasterCard or VISA - No surcharge
Prepayment Certified Check, Money Order or Wire Transfer
Prepayment by personal check requires 10 days to process
COD by UPS or U.S. Mail add \$3.00 -- NO COD'S OVER \$400.00

U.S. Funds Only

---- PRICES SUBJECT TO CHANGE WITHOUT NOTICE ----

Hours of OPERATION: Monday - Friday 9 AM - 5 PM Eastern Time

EVE NMC-1 Null Modem Adapter

\$ 15.95

Adapter for use with EVE SP-1 when interconnecting with other computers and some printers and modems.

NOTES:

Support Software provided standard on ADAM format disks. For Digital Data Pack, add ----> \$\$ 5.00

** FUTURE PRODUCTS **

EVE VD-MB 80 Column Video unit / mother board assy.

With the VD-MB, your ADAM will allow you to see the full 80 column display at the same time, no more need to scroll the screen !! The VD-MB has been designed to give your ADAM the screen characteristics of the industry standard VT-52 terminal, like the Heath/Zenith H-19. This allows ADAM to use hundreds of 'screen oriented' programs like Word Star, SuperCalc, DBase II, MITE, etc., using the standard install programs. But that's not all. The VD-MB is also a complete power supply unit for ADAM, so the ADAM standard printer may be put away until needed. The VD-MB also provides four 'full' expansion slots for use by other EVE expansion units. The power switch on the 'front' panel controls the entire system. The VD-MB comes with software for use with SmartBasic, and CP/M.

EVE MON-80 80 Column Video Monitor

With the MON-80, your ADAM will allow you to see the full 80 column display at the same time, no more need to scroll the screen !! The MON-80 has been designed to give your ADAM the screen characteristics of the industry standard VT-52 terminal, like the Heath/Zenith H-19. This allows ADAM to use hundreds of 'screen oriented' programs like Word Star, SuperCalc, DBase II, MITE, etc., using the standard install programs. But that's not all. The MON-80 includes a monochrome monitor which is available in Amber or Green screen display. This unit is the most economical 80 column display system, for the user who does not require the extra capabilities of the VD-MB. This unit will also display ADAM's 'normal video'. The MON-80 comes with software for use with SmartBasic, and CP/M.

EVE DC-1 Disk controller unit

The DC-1 disk controller interface will allow you to add disk storage capability to ADAM by using standard 3.5", 5.25", 8", and even hard disk drives. The drives may be single or double sided, and up to 128 tracks. The standard ADAM drive allows 160 k bytes of storage, now you can have 380k, 596k, 1.2mb, 5mb, and more !! And you are no longer limited to the '2' disk drives of the original system, now you can have up to 16. The DC-1 operates only with CP/M, and comes with all the programs needed to add it to your system.

EVE EHP-MOD Expansion Module #3 Conversion Kit

This KIT will allow owners of the ADAM Expansion Module to modify the Game machine to provide audio and composite video output for use with the VD-MB, MON-80 and composite monitors. >>>This modification must be installed by a skilled electronics technician.

Eve Electronic Systems is dedicated to the support of ADAM's future. In addition to our current line of products and services, and the future products listed above, we have in the planning stage several other products to upgrade and enhance the capabilities of your ADAM. Your input is necessary in helping us determine additional products for development. Please feel free to write us with your suggestions and ideas.

NOTE: Everyone on our mailing list will be notified of future product availability.

AVAILABLE NOW
FOR INFO!

***** EVE ELECTRONICS SYSTEMS *****
 ***** SOFTWARE PRODUCTS / SERVICE *****
 ***** FOR ADAM CP/M 2.2 *****

Product	Price	Notes
MITE - Data Communications program	\$149.95	#1,3
MITE + - with terminal emulation	\$189.95	#1,3
CP/M 2.2 - Computer operating system	\$ 65.00	
Abstat - Statistics Program	\$395.00	#1
Tran/DBase II - Training Program for DBase II	\$ 75.00	
Tran/Multiplan - Training Program for Multiplan	\$ 75.00	
Tran/SuperCalc - Training Program for SuperCalc	\$ 75.00	
Tran/Wordstar - Training Program for Wordstar	\$ 75.00	
Microsoft Basic Compiler	\$395.00	#1
Microsoft Basic Interpreter	\$350.00	
CBasic	\$135.00	
CBasic Compiler	\$450.00	#1
COBOL Compiler	\$700.00	#1,2
Crosstalk - Communications Program	\$195.00	#3
DBase II - Data Base Language	\$425.00	#1
DGraph - Graphics Printer Program	\$295.00	#1,4
DUtil - Programming Utilities for DBase II	\$ 99.00	#1,2
Fortran 80	\$500.00	
Graftalk - Graphics Printer Program	\$450.00	#1,4
Level II COBOL	\$1600.00	#1,2

Lynx - Microsoft Overlay Linker	\$250.00	#1,2
Macro Assembler	\$189.00	
MailMerge - WordStar Overlay	\$ 99.00	#1,2
Milestone - Task Manager	\$295.00	#1,2
Multiplan - Spread Sheet	\$195.00	#1,2
Pascal MT+	\$350.00	#1
PL1 Programming Language	\$475.00	#1
Punctuation & Style	\$125.00	#1,2
Quick Code - DBase II Program Generator	\$295.00	#1,2
RH Proofreader - Spelling Checker	\$ 50.00	#1,2,5
Speed Programming Pkg - for Pascal MT+	\$200.00	#1
SpellStar - WordStar Overlay	\$ 99.00	#1,2
StarIndex - WordStar Overlay	\$ 99.00	#1,2
SuperSort	\$220.00	#1,2
Word Plus - Spelling Checker	\$119.95	#2,5
WordStar	\$219.95	#1,2
WordStar ProPak - Includes MailMerge, SpellStar	\$395.00	#1,2

Notes: All Software provided on ADAM Disk Format only unless noted.
 #1 - Requires Dual Disk Drive
 #2 - Requires Ram Drive
 #3 - Requires Internal Modem or SP-1 & External Modem
 #4 - Requires EVE SP-1 and Graphics Printer or Plotter
 #5 - Provided on CP/M Digital Data Pack

'generic' disk drives to the ADAM under the CP/M operating system. You will be able to use 3.5", 5.25", and 8" drives, single or double sided, single and double density, with up to 255 tracks. This will give ADAM the capacity for storage of literally 'mega-bytes' of disk storage. This unit will only be supported under CP/M, and will support optional programs to transfer files from several other system disk formats.

Q. What is the ME-64 memory expansion unit ?

A. The EYE ME-64 is a 64 k memory expansion unit which is functionally compatible with the Coleco Memory Expander. This unit plugs in the ADAM memory console, and will be required for some of the software available from EYE Electronics.

Q. Does the ME-64 provide extra memory for SmartBasic ?

A. SmartBasic 1.0 does not support additional 'program' space using the memory expansion unit, however, SmartBasic 2.0 does.

Q. Do you give dealer or club discounts ?

A. EYE Electronics offers dealer discounts for quantity orders of units of the same type. Contact EYE Electronics for further information.

Q. Do you sell games ?

A. No, we primarily handle hardware and CP/M business related software. We do however maintain a list of other dealers who handle 'games'.

Q. Can the SP-1 and SS-CC be plugged into the MON-80 ?

A. No. The MON-80 unlike the VD-MB, does not contain expansion connectors. You may use the MU-2 or MU-3 to utilize more than one EYE product at a time.

Q. Will the MON-80 be able to provide power to ADAM ?

A. No. The MON-80 will not have a power supply for ADAM. You may use the PS-1 for this purpose if desired.

Q. Will the MON-80 have a lite pen input ?

A. No. No provision for lite pen is provided on the MON-80.

Q. Will my PS-1 be obsolete when I get the VD-MB ?

A. The VD-MB contains a power source for ADAM. If you already have the PS-1 we will allow a trade-in allowance based on age and condition of your PS-1.

Q. Will it be difficult to remove the SP-1 & SS-CC units from their boxes.

A. The VD-MB will provide the detailed instructions for removal of the EYE standalone units such as the SS-CC and SP-1. For those units which require them, special connector brackets will be provided.

Q. Where may the VD-MB be placed when connected to ADAM ?

A. The VD-MB has been designed to be placed either directly on top of, or to the right of the Memory Console, and plugs into the Expansion port.

Q. Are programs available from other EYE product users ?

A. Yes. We encourage the development of software for use with EYE products, and will provide all information possible. If you have written any software for EYE products, please send it to us for review, and listing in our catalogs.

Q. Where can I get Public Domain CP/M software ?

A. Public domain software is available from many sources, including CompuServe, remote BBS systems, local Computer Societies, etc.. In the future, EYE Electronics will have available a library of such public domain software.

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Because of the hundreds of requests for information on EYE Electronic Systems products and services, it is impossible to answer all responses individually. Therefore, this is a list of **SOME** of the commonly asked questions and answers on the EYE line of computer products for the **Coleco ADAM Computer**. In the near future EYE Electronics will establish a 'computer' bulletin board service for question on the products for ADAM, and for placing orders. We will also maintain a mail list for **future product** announcements and information.

Q. What is the EYE SP-1 ?

A. The EYE SP-1 is an interface for the ADAM Computer to allow the use of printers, plotters, modems, etc. The SP-1 has both a parallel printer port, 'Centronics compatible', and a programmable RS-232C serial port.

Q. What printers can be used with the EYE SP-1 ?

A. Any printer with a 'Centronics standard' parallel interface, or an RS232C interface may be used with the EYE SP-1.

Q. What printers do you suggest ?

A. There are literally hundreds of different printers on the market today, and that number is growing constantly. Virtually **any** dot matrix, ink-jet, or letter quality printer with either a 'Centronics type' parallel or RS-232C interface will work with the **EYE SP-1**. The following is a list of a few brands and models which are currently being used by **EYE SP-1** owners.

Panasonic - 1090, 1091, 1092	Star - 10X, 15X, Delta 10
Epson - MX-80, MX-100, RX-80, FX-100, LQ1500, LX-80, JX80	
Okidata - 82, 182, 84P, 84S, 192, 193	Anadex - DP-9500, DP-9501
NEC - 5500 series, 7700 series, 3500 series, 8800 series	
Gorilla 'Banana'	Smith-Corona - Fastext 80
Diablo - 620, 630, 1620	Juki - 6100, 6300
Radio Shack - 'parallel printers'	Mannesmann Tally - MT-160L

This list is not complete. If you still have a question about another printer let us know, but most serial or parallel printers will work!

Q. What Plotters can be used ?

A. Just as with the printers, if the plotter has a 'Centronics type' parallel or RS-232C serial interface it will operate with the EYE SP-1.

Q. Does the printer or plotter need special software ?

A. The software provided with the EYE SP-1 includes the 'drivers' for both SmartBasic, and CP/M. We also provide a 'patch' for the EOS operating system to allow printouts directly from SmartWriter and SmartFiler.

Q. Can I print files directly from SmartWriter ?

A. Yes, however, due to the unique codes sent to the ADAM printer, some feature will not work properly without a 'Custom Print Program' for the specific printer you have selected. These include 'underlining' and super- and sub-scripting'.

Q. What is the 'CUSTOM SmartWriter Print Program'?

A. Because of the unique codes required by each different type of printer to perform such functions as 'super- and sub-scripts', 'Italic', compressed, expanded, bold print, etc., a special version of the EOS patch program must be used which has been configured for the particular

printer you are using. We feel we should not restrict you to using only a handful of different printers, but rather allow you to select the unit which best suits your needs and budget.

Q. Can I print files from SmartFiler ?

A. With the EOS PATCH now available you can print directly from Smartfiler.

Q. Can I print spreadsheets directly from ADAMCALC ?

A. No. AdamCalc, like several other 'special protected' programs contain their own printer drivers. Since these programs and their associated drivers were designed to 'prevent' modification, there is no way at this time to allow printouts thru the SP-1. Hopefully, with some cooperation from the software writers, this may be possible in the future.

Q. Can I print graphics with my printer and the SP-1 ?

A. If the printer you select has a graphics mode, or a graphics character set, graphics may be used by either 'your' programs, or with several graphics packages available for CP/M. The EVE SP-1 interface and 'driver' software will allow any 8 bit character to be sent to the printer. Therefore if 'your' program sends the proper sequence of commands to your printer, it will be able to print graphics. In addition several SP-1 users are developing programs for such functions as screen dumps in both monochrome and color for specific types of printers.

Q. Does the SP-1 or SS-CC require external power, ie. 120 VAC ?

A. No, the SP-1 and SS-CC are designed for very low power consumption, and therefore are able to derive the power they need from the ADAM system.

Q. Can I do business graphics ?

A. Yes. There are several excellent CP/M business graphics programs available. One example is 'GRAPHTALK', which supports dozens of different printers. GRAPHTALK will use your data files or keyboard entry to generate PIE CHARTS, BAR-Graphs, Line graphs in a variety of different formats.

Q. Are these programs available for ADAM's CP/M ?

A. Yes. Virtually all CP/M 80 software will work on the ADAM CP/M system providing:

- 1 - There is adequate disk space on your ADAM disks.
- 2 - The screen control codes are or may be configured for ADAM.
- 3 - The program does not use unalterable 'hardware specific' I/O.

Q. Can I use an 'EXTERNAL' modem with the SP-1 ?

A. Yes. The EVE SP-1 may be used with most RS-232C interface modems, including the 'Smart modems', such as the Hayes, Anchor, etc.. The only other requirement is a properly configured communications program.

Q. What Communications programs may be used ?

A. There are many excellent communications programs which operate under CP/M that can be configured to work with the EVE SP-1. Some of these programs are available in the public domain, and others may be purchased. Some of these include MITE, MITE+, ASCOM, MODEM7, MEX, LINK, etc. The program we recommend is the MITE package by Mycroft Labs. This is a very powerful, versatile, easy to use system which will allow file transfers in ASCII and several binary formats.

Q. Is software available to let ADAM work as a 'remote' computer ?

A. Yes. With the EVE SP-1, the MITE communications package, and an auto-answer modem, the ADAM may be set up for remote use. The Mite package has many special features such as password protection, and user privilege levels. There are also some BBS packages available which may be configured for use with the EVE SP-1.

Q. Can I use MITE with the ADAM Modem also ?

A. Yes. However, because the ADAM modem does not allow for 'auto-answer', the full features

and capabilities of the MITE program may not be used.

Q. What baud rates can I use with the SP-1 ?

A. The SP-1 will operate at any standard baud rate from 50 to 19,200 baud. The onfiguration program provided will allow easy selection of the more common rates. If another rate is desired, EVE Electronics will provide information on how this is done.

Q. Can I use the SP-1 to communicate with another computer ?

A. Yes. This may be done either with a modem over phone lines, or by direct connection to the other computers RS-232C port. It may be necessary to use the information in the SP-1 manual to make the proper connections. For further technical information contact EVE Electronics.

Q. Can the SP-1 be used with the Expansion Module #3 ?

A. Yes. All EVE Products may be used with the full system. With the Expansion Module #3, all may be used except the 80 column unit.

Q. What is the 80 column unit ?

A. The EVE VD-MB 80 Column / Mother-board unit will allow full screen display on all 80 columns under the CP/M operating system and SmartBasic as the PR#4 device. This unit will also contain 4 expansion slots for other EVE interfaces, and a power supply for ADAM. The VD-MB will connect to the ADAM console video output and pass output to a 'monochrome' or 'composite' color monitor.

Q. Will the 80 column unit work on a TV ?

A. No. The output of the VD-MB must be connected to a monochrome or good resolution color composite monitor.

Q. Will The 80 column unit work with Expansion Module #3 ?

A. No. The VD-MB requires the composite video signal from the ADAM console to operate properly. If your Expansion unit has been modified to provide composite output, it will work. EVE Electronics will have available a 'kit' to modify the game system to provide the necessary outputs for the VD-MB.

Q. What Software is usable / transferable to ADAM.

A. If you have ADAM CP/M, you can use almost any 'configurable' CP/M-80 program. EVE Electronics offers this transfer service. Contact us for further information.

Q. What is the SS-CC unit ?

A. The EVE SS-CC unit is a Speech synthesizer / real-time clock-calendar interface for the ADAM. It will allow you to create programs to let ADAM 'talk', or you may modify your existing programs. The unit also contains a clock-calendar circuit which may also be used by your programs to allow ADAM to know exactly what time and day it is. The clock-calendar is 'battery backed-up' to retain the time/date information even while ADAM is off for several days or weeks.

Q. Will the Speech synthesizer work in SmartBasic and under CP/M ?

A. Yes. Sample programs and information on the phoneme library are provided with the unit. Other optional speech programs will be offered as they become available.

Q. Can I use the SS-CC and the SP-1 at the same time ?

A. Yes. Eve Electronics offers the MU-2, and MU-3 multi unit cables to allow use of 2 or 3 Eve products simultaneously. Therefore, you can use the MU-2, the SP-1 and the SS-CC. With the MU-3 you can use the SP-1, the SS-CC, and the DC-1 disk controller, when available. Also, the VD-MB 80 column / mother-board unit will allow 4 EVE units to be installed.

Q. What will the 'disk controller' do ?

A. The EVE DC-1 disk controller unit will allow the connection of most commonly available