The ADAM Connection
(C) 1988 SpeedyWrite Software, c/o David White

User Manual

REQUIREMENTS:
IBM PC or compatible with:
 * MS-DOS or PC-DOS Version 2.0 or higher
 * 360K, 5 1/4" floppy disk drive

Coleco ADAM with 5 1/4" disk drive (single- or double-sided)

FEATURES:
 * Convert ADAM files to IBM files:
  - Fully convert SmartWRITER files to IBM ASCII text files
  - Fully convert SmartBASIC programs, data to ASCII text files
  - Convert SpeedyWrite (1 or 2) text files to ASCII text
    which can be read by most word processors
  - Transfer any binary file
 * Convert IBM files to ADAM files:
  - Convert ASCII text files to SpeedyWrite or SmartWRITER-
    readable files
  - Transfer any binary file
 * Rename, delete, and get status of any ADAM file from the IBM
 * Change status of any file (protection, deletion, etc.)
 * Format any single- or double-sided disk for ADAM use
   (in 1/4 of the time it takes an ADAM)
 * Copy double- or single-sided ADAM disks on the IBM

REGISTRATION:
You are encouraged to REGISTER your copy of The ADAM Connection.
Simply fill out the registration form at the end of this manual
and send it to:

> SpeedyWrite Software
> c/o David White
> 2694 Twigg Circle
> Marietta, GA 30067

If you have any questions or comments about The ADAM Connection,
write to the above address or call (404) 952-4249. My hours are
after 4:00 PM Eastern on Mondays through Fridays, and before 2:00
PM Eastern on Saturdays.

Be sure to register even if you already own SpeedyWrite or
SpeedyWrite Spell, so that I know you have this program as well.

LOADING *THE ADAM CONNECTION*

The ADAM Connection can be used at any time from DOS. To load it, load DOS. When you get the A> prompt (or C> prompt if you have a hard disk), put the *The ADAM Connection* disk in Drive A: and type:

        a:eos <ENTER>

If you have only one floppy disk drive (and no hard disk), type:

        a:eos 1 <ENTER>

(The 1 is the numeral 1, *not* the letter "l".) The name of the program is EOS because EOS (Extended Operating System) is the name of the ADAM's operating system.

INSTALLING *THE ADAM CONNECTION* ON A HARD DISK

If you have a hard disk, you can install *The ADAM Connection* on your disk, then access it from any DOS prompt anywhere. Simply copy it into your DOS directory (here we assume it is called "dos"), and it will act like any other DOS command. (*NOTE:* In order to access *The ADAM Connection* or any other DOS command from directories other than the DOS directory, you must add a "path" command to your AUTOEXEC.BAT file. See your MS-DOS manual for more on the AUTOEXEC.BAT file.)

To install *The ADAM Connection*, just put its disk into Drive A: and type the following line at the DOS prompt:

        copy a:eos.exe c:\dos

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USING *THE ADAM CONNECTION*

When you start *The ADAM Connection* (see above), a menu appears:
  1. Get catalog of disk directory
  2. Transfer file from ADAM to MS-DOS format
  3. Transfer file from MS-DOS to ADAM format
  4. Get status of file
  5. Rename file
  6. Delete file
  7. Format a disk for ADAM
  8. Copy an entire ADAM disk
  Select 1-8 or press Q to quit:
To start using *The ADAM Connection*, just stick in an ADAM disk and press the number for a command. All of the commands are described below.

#1: GET CATALOG

Press 1 on the main menu to see the files on the ADAM disk. If you have more than one drive, the program will ask you which drive you want (A or B). Just press A or B depending on which drive you put the disk in. The files will be displayed, one on each line. If there are more files than will fit on the screen, the last line will say:

PRESS ANY KEY FOR NEXT SCREEN

Just press any key to go on to the next screen of files. The catalog display lists deleted files as well as regular files; if a file is deleted, "(DELETED)" is printed after the name. You cannot access deleted files with any other *ADAM Connection* command.

The letters in parentheses after the filenames are the *filetypes*. Every ADAM file has a filetype, although you usually don't tell ADAM what the type is when you save a file. The types tell what kind of data are in the file:

Filetype:	Kind of data:
(A)	Text file (includes text files, SmartBASIC SmartBASIC data files, and ADAMCalc files.
(a)	Backup text file
(H)	Binary data file. (H) includes SmartWRITER files, SmartFILER files, and other Coleco files.
(h)	Backup binary data file
(M)	SpeedyWrite macro/tab file. These files *cannot* be converted to IBM format, but can be transferred as binary files.
(m)	Backup macro/tab file.
(C), (U)	SpeedyWrite configuration and utility files. These cannot be used on IBM computers.
(c), (u)	Backup SpeedyWrite configuration and utility files.
(^B)	Machine-language program files often have this type, which is entered as CTRL-B and appears on the screen as "^B." It appears in the CATALOG as a smiling face.

SpeedyWrite programs,

You *must* put the filetype after any ADAM filename you use in *The ADAM Connection*. For example, if you wanted to convert a SpeedyWrite text file called "Letter," you would type "Letter(A)" in as the filename.

#2: TRANSFER FILE FROM ADAM TO MS-DOS
This is the most important command. Use this to transfer a file
created on ADAM to an IBM file. After selecting #2 on the main
menu, you will be asked to press the drive letter of the ADAM
disk (A or B). (You will not see this if you have a single-drive
system; *The ADAM Connection* knows there is only one drive, so it
doesn't ask you.) Press the appropriate drive letter.

Next, *The ADAM Connection* will ask you for the name of the ADAM
file. Type in the full filename, *exactly* as it appeared in the
catalog, and press ENTER. (Upper- and lower-case letters are
different when typing in ADAM filenames.) *Be sure to include the
filetype (described above).* For example, if you wanted to convert
a SpeedyWrite text file called "Letter," you would type
"Letter(A)" and press ENTER.

Next, type in the *full name* of the IBM file you want to create,
including the drive letter (A, B, C, etc.). Use the standard
MS-DOS convention for identifying which directory and drive the
file should be stored in. For example:

        C:\ADAMFILES\LETTER.TXT
        C:\DAVID\ADAM\BUSINESS\MAILINGS.TXT
        A:REPORT.TXT

If you have a single-drive system, be sure to type A: for the
drive. You will be prompted to insert the ADAM and MS-DOS disks
at the appropriate times. Simply insert the appropriate disk and
press any key.
Notice that text files in MS-DOS are usually followed by ".TXT".
If you are converting a *SmartWRITER* file, *The ADAM Connection*
will automatically recognize and convert it, displaying the
following message:
        SmartWRITER file: converting...
If you are converting any other kind of file, the following menu
will appear:
        1. SmartBASIC program or data file
        2. SpeedyWrite or SpeedyWrite 2 text file
        3. Other
Press <1> if you are converting a *SmartBASIC* program or data file
or an *ADAMCalc* data file. (When you use the *ADAMCalc* "convert to
SmartWRITER" command, the file becomes a SmartWRITER file.)
Press <2> if you are converting a *SpeedyWrite* or *SpeedyWrite 2*
text file. When converting, *The ADAM Connection* will change
formatting control characters (such as "L" for left margin) to
regular letters with backslashes before them. For example, the
command to set left margin to 10 would convert to "\L10".
Press <3> if you are converting a binary file. Also press <3> if
you don't want *The ADAM Connection* to change or convert a text
file. <3> just copies the file exactly as it appears on the ADAM
disk.

If you selected <1> or <2>, the following question appears:
        Do you want spaces at the beginning of paragraphs?

This question allows you to use different conversion methods depending on which word-processor you want to load the file into. The only word-processor which I have found to need the extra conversion is *PC-Write*. If you are using *PC-Write*, press <Y> (Yes); otherwise, press <N> (No). If the paragraphs are all merged into one long paragraph when you load the file, reconvert it but press <Y> (Yes) next time this question is aksed.

When the file is converted, the Main Menu will reappear and you can use another option. If you want to exit the program in the middle of a transfer, press ESC. The DOS prompt will reappear.

If there is already an MS-DOS file on the disk with the same name as you gave the converted file, the new file will be written over the old one, and the old file will be lost.

#3: TRANSFER FILE FROM MS-DOS TO ADAM
This is the opposite of #2. It transfers files from the IBM to ADAM files which can be used in *SmartWRITER*, *SpeedyWrite* (vers. 1 or 2), or *SmartBASIC*.
When you press <3> for this option, the program will ask you which drive the ADAM disk is in (unless you have a one-drive system); press A or B. Next, enter the MS-DOS file's name, including the drive and the directory, as well as the extension:

        C:\DAVID\ADAM\BUSINESS\SLIST.TXT
        B:READ.ME

NOTE: If you have a one-drive system, enter "A:" as the drive for the MS-DOS file, e.g. A:BUSINESS.TXT. During the transfer, you will be prompted to switch disks when necessary. Simply put in the requested disk and press any key.

You should always convert an IBM word-processor's files to ASCII text (see your WP's manual) before running *The ADAM Connection*. *The ADAM Connection* can only convert files to SpeedyWrite or SmartWRITER if they are ASCII text at the beginning.
Finally, you should enter the name of the ADAM file you want to create, including the filetype. To create a SpeedyWrite file called "Letter," for example, enter "Letter(A)". If there is already a file by that name on the ADAM disk, a backup of the old file will be created (with a lower-case type) before the new file is saved. Thus, you will have both copies.
When you enter the ADAM name, a menu of conversion options will appear:
        What kind of IBM file is this?
        1. A text file- don't reformat
        2. A text file to be reformatted for SpeedyWrite
        3. A text file to be reformatted for SmartWRITER
        4. Not a text file
On the next page are descriptions of the various options:

#1: A text file- don't reformat

Use this for generic text files that you want to read on the
ADAM. Examples of these are text downloaded from services such as
Compuserve and database files to be loaded into a SmartBASIC
program. When you select <1>, *The ADAM Connection* converts the
IBM end-of-line character (carriage-return + line-feed) to the
ADAM end-of-line character (just carriage-return); nothing else
is changed. If you want to *edit* a text file in SpeedyWrite or
SmartWRITER, you should select <2> or <3>; Option #1 leaves
return symbols at the end of each line, so you can't edit the
file effectively.

#2: A text file to be reformatted for SpeedyWrite

Press <2> if you want to load this file into SpeedyWrite or
SpeedyWrite 2 for editing. After you press <2>, the program will
ask you:
    Put RETURN symbols only at end of paragraphs?
Press <Y> (Yes) if you want *The ADAM Connection* to try to remove
the extra RETURN symbols. (IBM files have RETURNs at the end of
every line, while ADAM files have them only at the end of
paragraphs.) The reformatting works with some word processors'
ASCII text output, but not with others. If you file has extra
RETURN symbols or lacks any RETURN symbols at all, you should
convert your file again using option <2>, but answer <N> (No) to
the question above. If you answer <N> (No), you will have to
manually remove the extra RETURN symbols before you can edit the
text.

When you use <2>, the following things are done to the file:

* IBM RETURN-symbols (carriage-return+line-feed) are converted
  to ADAM RETURN-symbols (carriage-return).
* Any character preceeded by a backslash (\) is assumed to be
  a print-formatting character. For example, the text "\L10"
  would be translated into the SpeedyWrite left-margin command.
* The IBM end-page character, CHR$(12), is converted to the
  SpeedyWrite end-page command (CTRL-V "E" RETURN).
* If you answer <Y> (Yes) to the question, extra RETURNs in the
  middle of paragraphs are removed.

#3: A text file to be reformatted for SmartWRITER

Press <3> if you want to load this file into SmartWRITER for
editing. After you press <3>, the program will ask you:
    Put RETURN symbols only at end of paragraphs?
Press <Y> (Yes) if you want *The ADAM Connection* to try to remove
the extra RETURN symbols. (IBM files have RETURNs at the end of
every line, while ADAM files have them only at the end of
paragraphs.) The reformatting works with some word processors'
ASCII text output, but not with others. If you file has extra
RETURN symbols or lacks any RETURN symbols at all, you should
convert your file again using option <3>, but answer <N> (No) to

the question above. If you answer <N> (No), you will have to manually remove the extra RETURN symbols before you can edit the text.

When you use <3>, the following things are done to the file:

* IBM RETURN-symbols (carriage-return+line-feed) are converted to ADAM RETURN-symbols (carriage-return).
* The IBM end-page character, CHRs(12), is converted to the SmartWRITER end-page command.
* If you answer <Y> (Yes) to the question, extra RETURNs in the middle of paragraphs are removed.

#4: Not a text file
Use this for binary files and other files that you want to transfer without any conversion. This option copies the file from the ADAM disk exactly as it would be loaded into the ADAM itself.

#4: GET STATUS OF FILE
Main Menu option #4 allows you to get status information for any ADAM file on the disk. When you press <4>, you will be asked for the drive containing the ADAM disk (A or B), then the filename. When entering the filename, be sure to type the filetype as well. After you type the filename and press ENTER, a display like the following will appear.

STATUS OF FILE
Filename: MList(B)
Attribute: 10
USER FILE

Start block of file: 7F hex, 127 dec
File size (bytes): 18065
Blocks allocated to file: 12 hex, 18 dec
Blocks used: 12 hex, 18 dec
Bytes in last block: 291 hex, 657 dec
Date: 0 0 0
Status Change Menu- Press Appropriate Number to Change Status
WARNING: Do NOT remove the disk until you have left STATUS!
1. END-OF-DIRECTORY FILE (CAUTION!)   6. READ PROTECT
2. EXEC PROTECT   7. WRITE PROTECT
3. DELETED   8. LOCK (ALL PROTECT
4. SYSTEM FILE   in SpeedyWrite)
5. USER FILE   9. Exit Status Command

The Status display gives the filename, the attributes (write protection, user/system file, etc.) and the file size information, in both hexadecimal and decimal (normal) notation. The "File Size in Bytes" indicator is given only in decimal (standard) number form. "Blocks allocated" gives the number of

blocks (each block holds 1K of data) set aside for the file,
while "blocks used" tells how many blocks were actually used to
store data.
The Status Change menu lets you change any of the attribute
values. Simply press the number of the attribute you want to
change. If the attribute was not there before (for example, if
the file was NOT read-protected when you pressed Read Protect),
the attribute will be added to the list; if it was there, it will
be removed. Do NOT remove the disk while you are in the Status
command. You can exit to the Main Menu at any time by pressing
option <9>, Exit Status Command.

#5: RENAME FILE

When you press <5>, you will be asked for the drive containing
the ADAM disk, the old filename, and the new name (the name you
want the file to have). Enter both names with the filetype (in
parentheses) on the end. For example, to change a SpeedyWrite
file called "Letter" to the name "Sales," enter "Letter(A)" for
the old name and "Sales(A)" for the new name. You can change the
filetype as well as the filename when you use RENAME.

#6: DELETE FILE

Use this to delete files from the ADAM disk. (After using this,
you cannot access the file in either *The ADAM Connection* or any
ADAM program that uses the disk.) After pressing <6> from the
Main Menu, simply enter the drive letter of the ADAM disk (A or
B) and the filename *and filetype* of the file. For example, you
can delete a SpeedyWrite file called "Letter" from Drive A by
typing "A" for the drive and entering "Letter(A)" for the
filename. Of course, if you only have one drive, you will not be
prompted for the drive.

#7: FORMAT DISK FOR ADAM

This command lets you format a disk for ADAM. You can use a
brand-new disk, an old ADAM disk, or an old MS-DOS disk for the
format; after the command is done, the disk can only be used in
ADAM.

When you press <7> (Format), you will first be asked for the
drive containing the disk to be formatted; press A or B. Next,
you will be asked for the *volume name*, which is a name given to
the entire disk. Simply type a name (up to 11 characters long)
and press ENTER. You should not put a filetype at the end of the
volume name.
Next, the program will ask you for the *volume size* (in blocks).
Enter 160 for a single-sided disk and 320 for a double-sided
disk, then press ENTER.
Finally, the program will ask you for the *directory size*. This
tells how many blocks of the disk will be used for directory
space; the more blocks you use, the more files you can store on
the disk. Enter any number from 1 to 3 (3 is probably the best)
and press ENTER. Just press any key to begin formatting. In

addition to formatting the disk for ADAM, the program will
initialize the directory, so you can use the disk immediately for
storing files either from *The ADAM Connection* or from the ADAM
itself.
You will notice that the *ADAM Connection* formatting command is
much faster than formatting on the ADAM itself, since the IBM PC
has faster disk drives.

#8: COPY AN ENTIRE ADAM DISK
This is a disk-copying command. After pressing <8> (Disk Copy),
first enter the drive you are copying from (containing the
original disk), then the drive you are copying to (which will
contain the copy). Note that *both* disks must be formatted for
ADAM use, either with the *ADAM Connection* formatting command or
on an ADAM system. Note too that *The ADAM Connection* will not ask
you for the drives if you have a single-sided system. It knows
that you will stick both disks into Drive A.

Next, enter the starting block to copy. Usually this is 0 (zero),
but if you want to copy only part of a disk, you can enter
another value. After entering a number, press ENTER. The numbers
you enter must be in *decimal (standard)* notation.
Next, enter the starting block to write. This tells where the
copy will begin on the new disk. For copying an entire disk, the
proper value to enter is 0 (zero). If you want to move data to a
new location, enter a different value. (For example, you could
enter 15 for the starting block to copy and 14 for the starting
block to write, moving all the data down one block. Of course,
you would have to change the directory information with an ADAM
utility program before you could locate files at their new
locations.) Press ENTER after typing in a number. The number must
be in *decmial* notation.
Finally, enter the number of blocks to copy. Usually, this is 160
for a single-sided disk or 320 for a double-sided disk. After
entering the number, press ENTER. The number must be in *decimal*
notation.
When you have entered the number of blocks, just press any key to
begin copying. If you have a single-drive system *or* you give the
same drives for the original and the copy (e.g. copy from drive
A: to drive A:), *The ADAM Connection* will ask you to switch disks
at the appropriate times. Just put in the correct disk and press
any key.

OTHER *SpeedyWrite Software* PRODUCTS

SpeedyWrite 2 Advanced Word-Processing System
This is the only professional word-processor available
specifically for the ADAM. Written entirely in fast machine
language, it offers extraordinarily fast editing and great
printouts. Among its many features:

* Built-in support for dot-matrix printing, including
  italics, user-defined print styles, and the ability to
  send printer control codes directly to the printer.
* A RAM-disk, giving 64K of fast storage space for users
  with the 64K expansion unit; a small RAM-disk is
  available even on unexpanded systems. Users with
  more than 64K of expansion can get a special configuration
  to use *all* of their memory.
* Ability to create documents much longer than will fit in
  workspace memory; using "link" commands, you can create
  a document as long as will fit on your tape or disk.
* Built-in file commands that can delete or copy more than
  one file (by using CP/M-like wildcards) at a time;
  other file commands include Protect and Initialize.
* Ability to edit two files at once and move text between
  the files using a simple move command
* Multiple margins and spacing within a document; for
  example, use double-spacing for text but single-spacing
  for long quotations
* *Fast* Search/Replace with wildcards let you search for
  anything, including RETURN symbols and formatting commands
* Help screens give you information on commands with a
  single keystroke; available even on unexpanded systems,
  with no loss of workspace memory (the help is stored
  on the RAM-disk). The help screens can be edited to
  suit your own needs using the included *Pocket Database*
  program, which can also be used to store any information
  you need to use often while writing
* Load CONFIGURATION FILES to use foreign or math characters,
  or create your own using the easy-to-use configuration
  program (included).
* Smart Keys can be redefined to execute common commands or
  retype often-used text; Smart Key definitions can be stored
  on tape in special system files
* Works with the optional SpeedyWrite Spell spelling checker,
  described below
* Registered SpeedyWrite customers get free customer service
  including answers to questions and a quarterly newsletter
  full of tips on commands and applications
* SpeedyWrite is an IBM PC-quality program for an ADAM price!

SpeedyWrite 2 is available for $39.95 from M.W. Ruth Co. Call
(609) 667-2526 for more information.

SpeedyWrite 1 Advanced Word Processor

This is the "junior" version of SpeedyWrite 2. It doesn't support dot-matrix printing, RAM-disks, or editing two files at once; instead of help-screens, it has a friendly menu system for most editing and printing commands. In addition, you can upgrade to SpeedyWrite 2 simply by sending in your unaltered SpeedyWrite 1 manual and disk or tape and the $15.00 upgrade fee.

SpeedyWrite 1 is available for $29.95 from M.W. Ruth Co. Call (609) 667-2526 for more information.

SpeedyWrite Spell
REQUIRES: *SpeedyWrite 2* and a 64K-or-higher memory expander. You do *not* need a disk drive to run this program effectively; it will run just as fast with tape.

SpeedyWrite Spell provides the only integrated spell-checker available for ADAM. You can check spelling right from the word-processor, without saving your file, loading in another program, and *then* checking it, as other ADAM programs require you to do. You can check an entire document or just part of it, or you can have *SpeedyWrite Spell* check spelling as you type, beeping and lighting up the screen whenever you make a mistake. You can add words to a special user dictionary list, which can be saved in a file. In addition to the 10,000-word spelling dictionary, *SW Spell* provides a 5,000-word thesaurus, which is also available directly from SpeedyWrite's edit mode.

THE ADAM CONNECTION
REGISTRATION FORM

Name: _____

Street Address: _____

City, State, Zip: -

Area Code: _____

Phone Number: _____

How did you hear about The ADAM Connection?

What perhiperals do you have on your ADAM?

What perhiperals do you have on your IBM PC?