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VEDIT-80 (T009) FOR THE COLECO ADAM

Supplement to the VEDIT User's Manual, Version 1.39
(Last Manual Revision: November 13, 1984)
Place these pages after Appendix G, page 231.

VEDIT NOTES FOR THE COLECO ADAM

The version of VEDIT supplied for the ADAM is the regular Z80 CRT version of VEDIT 1.39. It has been customized with VDSETCRT for the ADAM's own console under ADAM CP/M 2.2, and is ready to run in the file "VEDIT.COM". The keyboard layout and the customization used are listed on the following pages.

The VEDIT diskette is a data diskette; it does not contain CP/M. Start ADAM CP/M 2.2 from your Coleco CP/M disk in drive A, then place the VEDIT diskette in drive B and type B: - or copy the files to your own CP/M disk with PIP. The VEDIT diskette will not start the ADAM by itself.

VEDIT.COM	VEDIT, ready to run on the ADAM.
VHELP.TXT	The help file, for the "H" command. Its keyboard section describes the ADAM keys.
READ.ME	A short summary. Type: B>TYPE READ.ME
PRINT.EXC	The print formatting command macro.
VDSETCRT.COM	The customization program (Appendix A).
VEDITZC.SET	The Z80 CRT version, for customization.
CRT.TBL	The CRT terminal table; entry 57 is the ADAM.

The help file is read from the logged-in drive, so keep VHELP.TXT on the same diskette as the files you edit.

THE ADAM SCREEN

ADAM CP/M keeps an 80 column, 24 line screen, but the television shows only 30 columns of it, and the window slides sideways when the cursor waits near its right edge. This VEDIT is therefore customized for 21 lines of 25 columns: the screen never slides while you edit, and the status line always fits. The bottom three lines belong to the SmartKey labels. Lines longer than the screen scroll sideways within VEDIT, as described under "Horizontal Scrolling" in the manual.

VEDIT leaves the left-most column blank, so 24 columns of text are visible. Command mode lines longer than about 25 characters will slide the screen, as they do at the CP/M prompt.

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THE ADAM KEYBOARD

The arrow keys, HOME, INSERT, DELETE, BACKSPACE, CLEAR, UNDO, TAB, PRINT, MOVE/COPY and STORE/GET perform VEDIT functions - see "Keyboard Layout for the Coleco ADAM". ESC in this manual is the ADAM's ESCAPE/WP key.

The SmartKeys I - VI type CP/M command words ("DIR ", "ERA ", ...) and should not be used within VEDIT. WILD CARD is not used.

After you give the "VEDIT" command, wait until the screen clears and the status line appears. Keys typed while VEDIT is still loading from disk are lost.

DIFFERENCES FROM THE MANUAL

Default Keyboard Layout (Appendix D): does not apply to the ADAM. Use the ADAM layout. Note especially:

[CURSOR DOWN]	is the Down Arrow	(the manual: CTRL-C)
[PAGE DOWN]	is CTRL-C	(the manual: CTRL-X)
[RESTART EDITOR]	is ESC - CTRL-K	(the manual: ESC - CTRL-R)

The Down Arrow sends CTRL-X, and MOVE/COPY sends the code VEDIT reads as ESC - CTRL-R; hence the two changes.

Sample "First" Edit Session (page 9): the status line shows only dashes, without "LINE:" and "COL:". To show the line number give the command EP 6 1 (or customize it in Task 4). Do not use EP 6 2 or EP 6 3 on the ADAM: the column number would be written beyond the 25th column, where the ADAM does not show it.

Customizing (Appendix A): "ENTER LENGTH OF DISPLAYED LINE" must not exceed 26 and "ENTER NUMBER OF SCREEN LINES" must not exceed 21, or the screen will slide and the SmartKey labels will be overwritten.

Leaving VEDIT: ESC - E reaches command mode; then type EX and press ESC twice to save the file and return to CP/M, or EQ, ESC twice and "Y" to quit without saving.

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EXAMPLE CUSTOMIZATION FOR THE COLECO ADAM

The ADAM VEDIT.COM was produced from VEDITZC.SET by the session below. Each reply is preceded by "--", which does not appear in the actual customization. Give the command:

```
B>VDSETCRT VEDITZC VEDIT
```

CRT MENU - Choose (57) CUSTOMER 1, using the CRT.TBL on the VEDIT diskette (see "The ADAM Terminal Entry").

1.) ALL NEW KEYBOARD LAYOUT - see "Keyboard Layout for the Coleco ADAM".

3.) Special characters - not changed (2D, 1B, 5B, 5D, 7C).

4.)
```
EXPAND TAB WITH SPACES          (0=NO, 1=YES) -- 0
AUTO BUFFERING  (0=NO, 1=FORWARD, 2=AND BACKWARD) -- 1
BEGIN IN VISUAL MODE            (0=NO, 1=YES) -- 1
POINT PAST TEXT REG. INSERT     (0=NO, 1=YES) -- 1
IGNORE UPPER/LOWER CASE DISTINCTION IN SEARCH -- 1
CLEAR SCREEN ON VISUAL EXIT     (0=NO, 1=YES) -- 1
REVERSE UPPER AND LOWER CASE    (0=NO, 1=YES) -- 0
IGNORE SEARCH ERRORS            (0=NO, 1=YES) -- 0
USE EXPLICIT TEXT DELIMITERS    (0=NO, 1=YES) -- 0

INDENT INCREMENT (1 - 20, SUGGEST 4)              -- 4
LOWER CASE CONVERT (0=NO, 1=YES, 2=CONDITIONAL)   -- 0
DECIMAL CODE FOR CONDITIONAL CONVERT CHAR. (59)   -- 59
LINE AND COLUMN DISPLAY (0=NONE ... 3=BOTH)       -- 0
RIGHT MARGIN FOR WORD-WRAP IN DECIMAL (0=OFF)     -- 0
HIGH BIT ALLOWED ON INPUT/OUTPUT (1 - 7)          -- 1
CURSOR POSITIONING OPTION (0 - 2, SUGGEST 1)      -- 1
VIRTUAL LINE LENGTH WITH SCROLLING (40 - 255)     -- 200
HORIZONTAL SCROLL INCREMENT (1 - 100)             -- 10
```

5.)
```
ENTER NUMBER OF SCREEN LINES IN DECIMAL      -- 21
ENTER LINE MOVEMENT FOR PAGING IN DECIMAL    -- 16
ENTER TOP LINE FOR CURSOR IN DECIMAL         -- 3
ENTER BOTTOM LINE FOR CURSOR IN DECIMAL      -- 17
ENTER LENGTH OF DISPLAYED LINE IN DECIMAL    -- 26
```

6.)
```
SIZE IN DECIMAL OF SPARE MEMORY FOR AUTO READ    -- 8192
SIZE IN DECIMAL OF FILE MOVE TRANSFERS IN K BYTES -- 8
DO YOU WISH TO USE THE DEFAULT TAB POSITIONS?     -- Y
ENTER DECIMAL VALUE  (4MHZ = 76, 2MHZ = 38)       -- 68
BEGIN IN INSERT MODE (0=NO, 1=YES)                -- 0
USE DEFAULT DRIVE FOR HELP AND INIT FILES         -- 1
ENTER (0=NO) OR DRIVE # FOR HELP AND INIT FILES   -- 0
SHOULD VEDIT.INI FILE BE EXECUTED (0=NO, 1=YES)   -- 0
REVERSE VIDEO ON STATUS LINE  (0=NO, 1=YES)       -- 1
```

7.) ENTER SIGNON MESSAGE -- Coleco ADAM CP/M 2.2

9.) CUSTOMIZATION COMPLETE, RETURN TO OPERATING SYSTEM

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KEYBOARD LAYOUT FOR THE COLECO ADAM

"ESCAPE MODE CHARACTER #1" [ESCAPE/WP]
"ESCAPE MODE CHARACTER #2" NOT USED Type [RETURN]
"COMMON 2ND CHARACTER #1..." NOT USED Type [RETURN]
"UPPER/LOWER CASE ESCAPE..." 1 (1 = YES, 0 = NO)

[HOME]	HOME	
[ZEND]	ESC - Z	
[CURSOR UP]	[Up Arrow]	Sends CTRL-E.
[CURSOR DOWN]	[Down Arrow]	Sends CTRL-X.
[CURSOR RIGHT]	[Right Arrow]	Sends CTRL-D.
[CURSOR LEFT]	[Left Arrow]	Sends CTRL-S.
[BACK TAB]	[CTRL-A]	
[TAB CURSOR]	[CTRL-F]	
[ZIP]	[CTRL-G]	
[NEXT LINE]	[CTRL-J]	
[LINE TOGGLE]	NOT USED	Type [RETURN]
[SCROLL UP]	[CTRL-Q]	
[SCROLL DOWN]	[CTRL-Z]	
[SCROLL RIGHT]	[CTRL-Y]	
[SCROLL LEFT]	[CTRL-T]	
[PREVIOUS WORD]	[CTRL-V]	
[NEXT WORD]	[CTRL-B]	
[PREVIOUS PARAGRAPH]	ESC - W	
[NEXT PARAGRAPH]	ESC - X	
[PAGE UP]	[CTRL-W]	
[PAGE DOWN]	[CTRL-C]	Not CTRL-X (Down Arrow).
[SCREEN TOGGLE]	[CTRL-N]	
[BACKSPACE]	BACKSPACE	
[DELETE]	DELETE	
[ERASE TO END OF LINE]	[CTRL-L]	Also called [EREOL].
[ERASE LINE]	CLEAR	
[DEL PREVIOUS WORD]	ESC - V	
[DEL NEXT WORD]	ESC - B	
[UNDO]	UNDO	
[TAB CHARACTER]	TAB	
[NEXT CHAR LITERAL]	ESC - Q	
[SET INSERT MODE]	NOT USED	Type [RETURN]
[RESET INSERT MODE]	NOT USED	Type [RETURN]
[SWITCH INSERT MODE]	INSERT	
[REPEAT]	[CTRL-R]	
[INDENT]	[CTRL-P]	
[UNDENT]	[CTRL-O]	
[FIND]	ESC - F	
[REPLACE]	ESC - R	
[CANCEL]	ESC - O	
[COPY TO TEXT REGISTER]	MOVE/COPY	
[MOVE TO TEXT REGISTER]	SHIFT-MOVE/COPY	
[INSERT TEXT REGISTER]	STORE/GET	
[PRINT TEXT]	PRINT	
[SET TEXT MARKER]	ESC - S	
[GOTO TEXT MARKER]	ESC - G	
[FORMAT PARAGRAPH]	ESC - J	
[VISUAL ESCAPE]	ESC - ESC	
[VISUAL EXIT]	ESC - E	Exit to command mode.
[RESTART EDITOR]	ESC - CTRL-K	Not ESC - CTRL-R.

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THE ADAM TERMINAL ENTRY

For users who keep their own copy of CRT.TBL: the ADAM entry replaces entry 57, "CUSTOMER 1" (bytes 1C00 - 1C7F hex of the file). The other 56 entries are unchanged. The table is in the order of the listing "VEDITZC.LST", seven bytes a sequence: the count, the characters, then the delay in milliseconds.

CURSOR LEAD-IN	02 1B 59 00 00 00 00	ESC Y
BETWEEN X AND Y	00 00 00 00 00 00 00	
CURSOR LEAD-OUT	00 00 00 00 00 00 00	
ADDOFF	00 20 20	row first, binary, +20 hex
CLEAR SCREEN	02 1B 45 00 00 00 00	ESC E
CLEAR TO END OF SCREEN	02 1B 4A 00 00 00 00	ESC J
CLEAR TO END OF LINE	02 1B 4B 00 00 00 00	ESC K
INSERT LINE	00 00 00 00 00 00 00	none on ADAM
DELETE LINE	00 00 00 00 00 00 00	none on ADAM
FORWARD SCROLL	01 0A 00 00 00 00 00	LINE FEED
REVERSE SCROLL	02 1B 49 00 00 00 00	ESC I
BEGIN REVERSE VIDEO	02 1B 70 00 00 00 00	ESC p
END REVERSE VIDEO	02 1B 71 00 00 00 00	ESC q
ENABLE STATUS LINE	00 00 00 00 00 00 00	
DISABLE STATUS LINE	00 00 00 00 00 00 00	
ENTER VISUAL MODE	00 00 00 00 00 00 00	
EXIT VISUAL MODE	00 00 00 00 00 00 00	

The ADAM console has no Insert Line or Delete Line sequence, so VEDIT rewrites the screen instead. For this reason do not select the HEATH/ZENITH H19 entry for the ADAM, although most of its sequences are the same: its Insert and Delete Line sequences would not be understood.

The other ADAM CP/M console sequences, for reference: ESC H home, ESC A / B / C / D cursor up / down / right / left, ESC j / ESC k save / restore the cursor, ESC o erase to the start of the line.

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