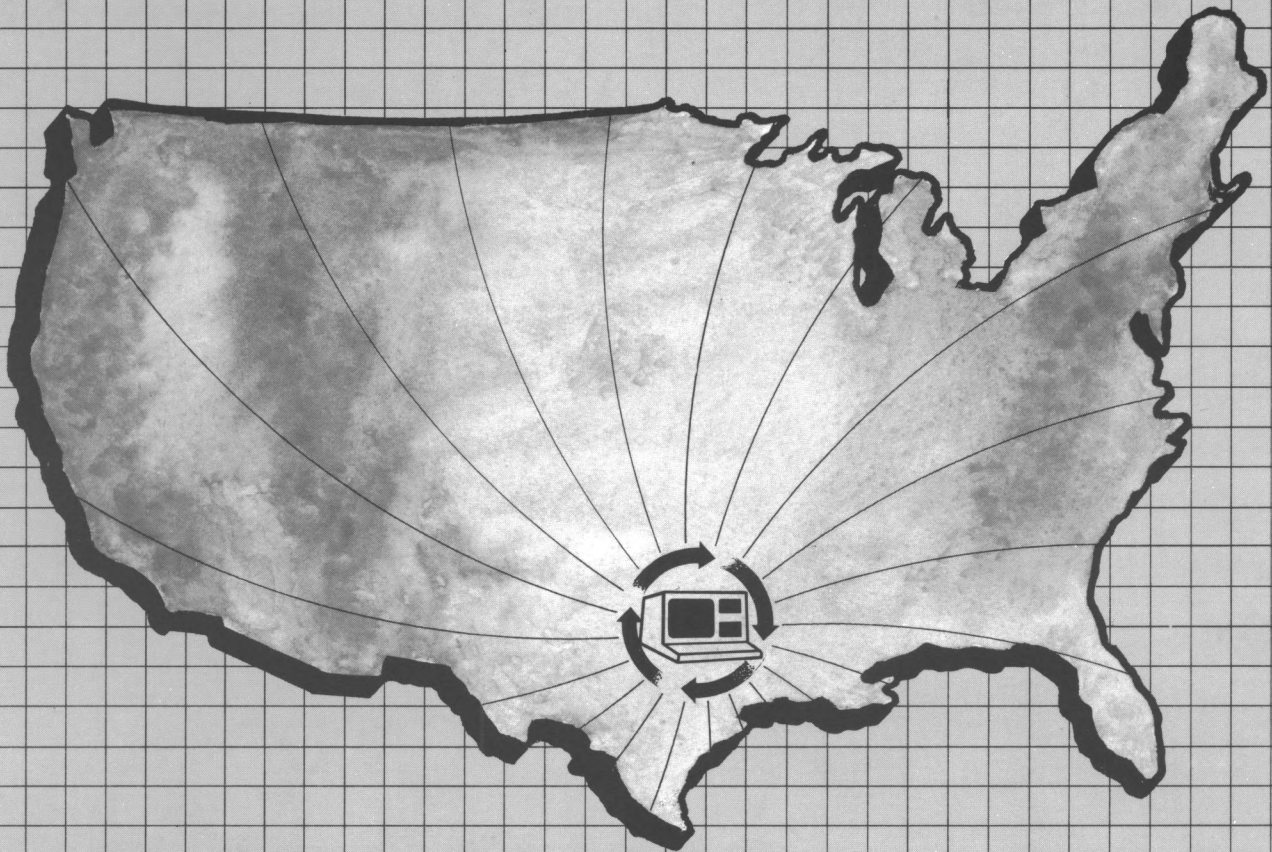


TRS-80[®] VIDEOTEX *User's Guide* APPLE II[®]



Radio Shack[®]

Introduction

APPLE II Videotex includes a machine-language program, VIDTEX, supplied on a cassette tape. It requires:

- A telephone
- APPLE II
- Either the D.C. Hayes Micromodem or the Apple communications card
- A Telephone Interface II (Radio Shack Cat. No. 26-1171) or other acoustic coupler and an RS-232 connecting cable.

VIDTEX is a smart-terminal program which allows your APPLE II to communicate with the CompuServe information service as well as any other computer system which has telephone answering capabilities and utilizes the same communications protocol.

The *CompuServe Information Service User's Guide* provides information on accessing and using the CompuServe network. This manual, however, explains the VIDTEX software only and should be used in conjunction with the CompuServe User's Guide.

Startup Procedure

When your APPLE II powers up, it will be in Integer BASIC (> prompt), Applesoft BASIC (1 prompt) or the monitor (* prompt). To get to the monitor from either BASIC, type CALL -151 (RETURN)

Note: If you want to return to BASIC from DOS, type 3D0G (RETURN) otherwise type: (CTRL) (C) (RETURN)

Loading Procedure for Cassette Systems

1. Place your Videotex tape in the recorder and be sure it is completely rewound. Leave the recorder in the STOP position.
2. While in the monitor type 0800,0EDER (RETURN) and then place the cassette in PLAY.
3. When the prompt * returns, place the recorder in the STOP position. VIDTEX is now loaded in memory. You can now execute VIDTEX or save it to disk.

- A. To execute VIDTEX, type 0800G (RETURN)

When VIDTEX appears, dial the host computer's telephone number. To go online with CompuServe, proceed as described in the *CompuServe Information Service User's Guide*.

- B. To save VIDTEX to disk, type BSAVE VIDTEX,A\$0800,L\$06DF (RETURN)

VIDTEX will be written to the disk as the file, VIDTEX. When the save is completed, the prompt * will return. For further details on the BSAVE command refer to your Apple DOS Manual.

Loading Procedure for Disk Systems

1. First, create a disk copy of VIDTEX using the procedure described previously.
2. Start DOS on your APPLE II.
3. To load and execute VIDTEX, type the DOS command BRUN VIDTEX (RETURN)
VIDTEX will then load and execute.
4. When the program heading appears, dial the host computer's telephone number. To go online with CompuServe, proceed as described in the *CompuServe Information Service User's Guide*.

Note: To specify your system configuration, you must press (ESC) immediately after you load and execute VIDTEX (Step 3A, cassette; Step 3, disk).

Using VIDTEX

VIDTEX is designed to run on most configurations of the APPLE II. To run it, you must first tell VIDTEX the configuration of the computer being used. VIDTEX will then modify itself to allow the use of available features.

To specify your configuration, press **(ESC)** immediately after executing VIDTEX. You will then be asked the following:

WHAT COMMUNICATIONS CARD DO YOU HAVE :

- 1 IF APPLES-232 COMM INTERFACE
- 2 IF DC HAYES MICROMODEM II

?-

Enter either 1 or 2 followed by **(RETURN)**.

WHAT SLOT IS IT IN?-

Enter slot number (1-6) followed by **(RETURN)**.

DO YOU HAVE A PRINTER?

Enter Y (yes) or N (no) followed by **(RETURN)**.

If you respond with a Y, you will be asked for the slot of the printer card. The printer status register is assumed to be at $\$C08E + slot*16$ and the printer data register is assumed to be at $\$C08F + slot*16$.

You may want to save your modified copy of VIDTEX so that you won't have to modify it every time you run it. If so, press **(RESET)** immediately after modifying it.

- A. If you have a tape system, insert a blank tape in your recorder and set it to RECORD. Then, while in the monitor, type `0800,0EDEF` **(RETURN)**
- B. If you have a disk system, enter the DOS command:

`BSAVE VIDTEX,A$0800,L$06DF` **(RETURN)**

Note: When VIDTEX is executed, it first determines whether a lowercase modification has been installed. If it has been installed, the video driver is modified to permit lowercase output. If not, the video driver is modified to convert all lowercase output to uppercase.

Redefined Keys

The following table summarizes the keys which have been redefined:

Labeled Key	Hex Code	Function or Character
CTRL N	5B	Left square bracket ([)
SHIFT M	5D	Right square bracket (])
CTRL R		Turn on the printer
CTRL T		Turn off the printer
CTRL X		Exit Vidtex

Future Versions

Vidtex contains a machine-language object file loader which will allow future versions of VIDTEX to be downloaded from CompuServe error-free. The CompuServe system will interrogate your version of VIDTEX; and, if it is not the most recent version, you will be sent one which you should immediately save to tape or disk.

Hints and Tips

1. You may be inadvertently disconnected from the network if you have call-waiting service and there is an incoming call signal.
2. Use of extensions while online will probably not cause disconnection; however, you may receive data errors.
3. Attempts to connect to a network may be unsuccessful because the host computer may be out of service.

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NOTE: Good data processing procedure dictates that the user test the program, run and test sample sets of data, and run the system in parallel with the system previously in use for a period of time adequate to insure that results of operation of the computer or program are satisfactory.

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