

From: Ross Lemcke, Diagnostic Supervisor

To: Distribution

Subj.: Diagnostics Alpha Test

Date: 7/9/86

Enclosed are the alpha test diagnostic diskette(s). Please test and review for the following:

- User Interface
- Programs that need to be added
- Changes that need to be made
- Any bugs

Please AppleLink the results of your tests and any other information to me by July 17. My AppleLink address is LEMCKE.

To: Distribution
From: Jack Valois, ext. 3372
Date: 16 June, 1986
Re: Release 1.0d1 of Namer II for the Cortland

Inclosed is the initial release of the network device namer for the Cortland. Please send any bug reports or comments to me at M/S 5F.

Known bugs:

1. Should refresh **device names window** after renaming a device. At this time you have to click on the device type again in the **device types window**.
2. Problems with renaming a Laserwriter Plus.
3. Problem with the redrawing of the Rename Button.

Please help by returning your comments as quickly as possible.

Apple II Series Diagnostics

- Boot the Diagnostic Diskette. There is a program loader present on the diskette that will first display the system type and then load the correct diagnostic program for that particular system.
- Select the desired options from the Options menu.
- If a selected set of tests is desired, enter the Choose Tests menu and select each of the tests displayed.
- Run all the diagnostics by Executing All Diagnostic Tests, or if some tests have been selected from the Choose Tests menu, Execute Selected Tests.
- Some tests may require Loopbacks or other hardware. If the test shows an alert asking whether a loopback is installed, answer the question accordingly. The test will be skipped if the test requires hardware and the question is answered negatively.

Known Caveats: (to be fixed)

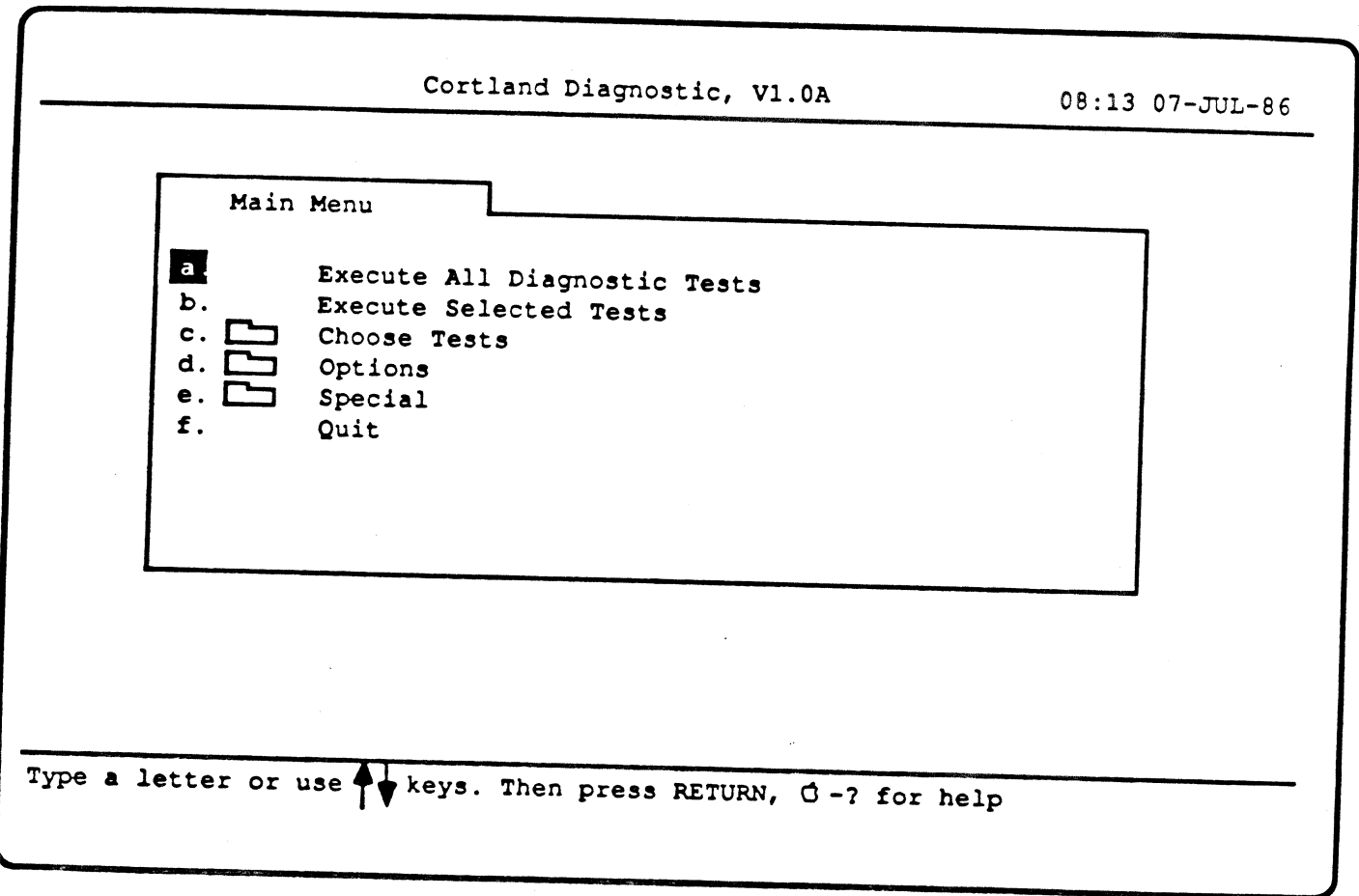
1. There is no way to read the Error Log from the Disk from within the program. The Error Log is stored as an Edasm readable Text file on the startup disk.
2. The Error Log in RAM overflows after 255 errors have been logged.
3. There are some cosmetic problems with the alerts. (Lines missing, extra characters, etc.)
4. Printing the Error Log does not work correctly because of the loopback cable interference.
5. *Lots more bugs - skip Hires test*


Future Enhancements: (to be added)

1. Disk Error Log Reader.
2. Extension of RAM-based errors.
3. Printing function that works around the Serial Loopback Cable!
4. More user Alerts describing interface problems, etc.

Apple II Series Diagnostics

This is the proposed new standard for the 80 column text screen-based environment for the Apple II series. Instead of using graphics-based window screens for program control, the interface relies on Mousetext characters and cursor keys. The interface was intended to allow multiple selection of certain menu items and then execution of those items, as in a diagnostic testing environment. Alternately, the Mouse may be used in the future versions of this interface.



 represents a menu.

Use the arrow keys to move the 'Cursor' to the desired line number and press RETURN.

Apple II Series Diagnostics

Cortland Diagnostic, V1.0A



ESC: Choose Tests

Main Menu

Choose Tests

Video Tests

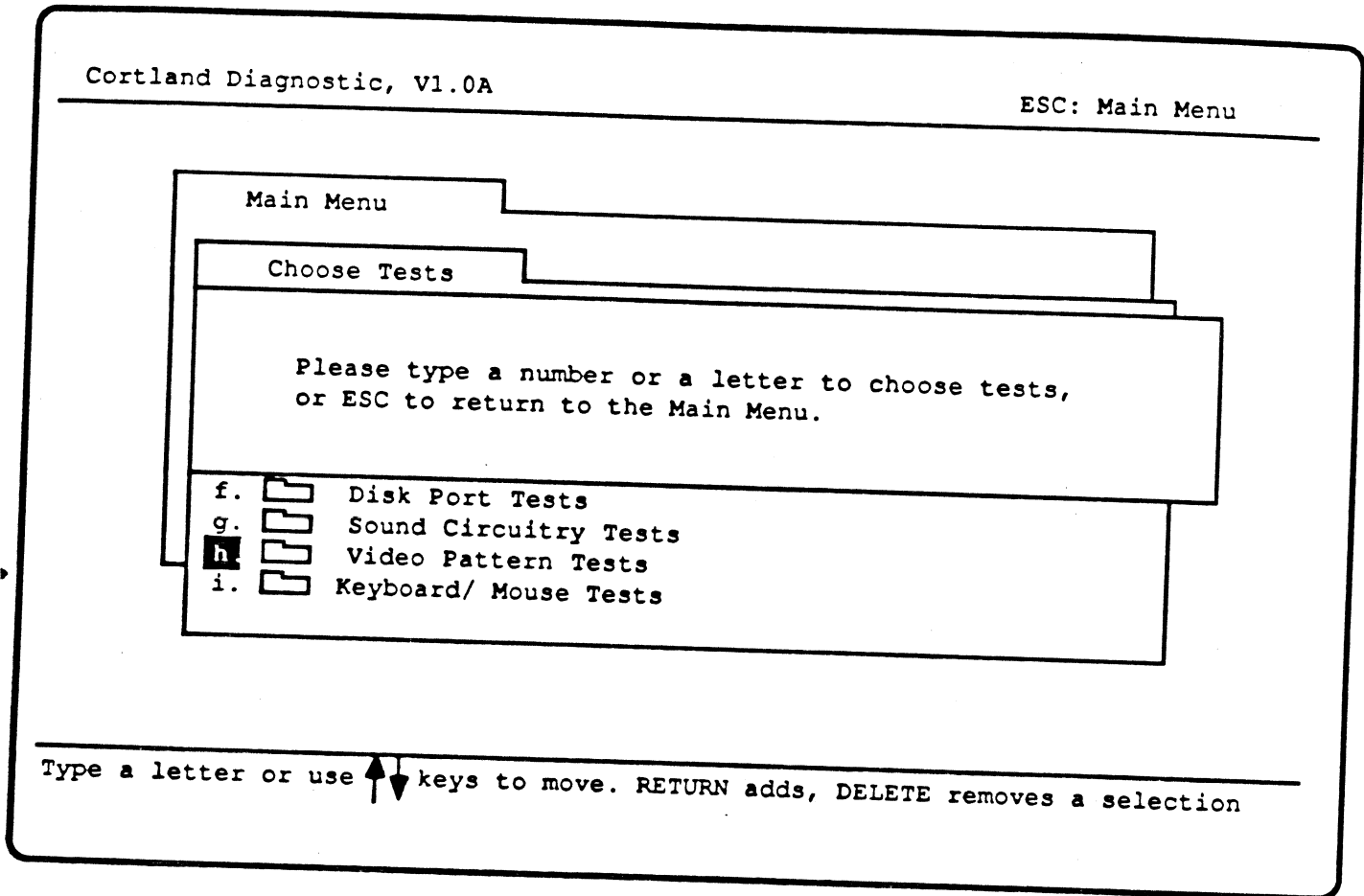
- a. 1 Color Bar Test
- b. 2 Character Generator Test
- c.** 6 80 Column Text Test
- d. 4 Lores Graphics Test
- e. Hires Graphics Test
- f. 5 Double Hires Graphics Test
- g. Super Hires Graphics Test
- h. Video Interrupts Test
- i. 3 Border Color Test

Type a letter or use   keys to move. RETURN adds, DELETE removes a selection

The number to the left of the menu item indicates that the selection will be executed and the order of execution.

Using the arrow keys or by typing a letter moves a inverse video cursor to the next menu item. Pressing RETURN will select that item and put a letter to the left of the item. Typing DELETE will deselect the menu item and renumber the remaining selections, if that item affects the order. Typing Open-Apple-DELETE will clear all the selected items.

Apple II Series Diagnostics

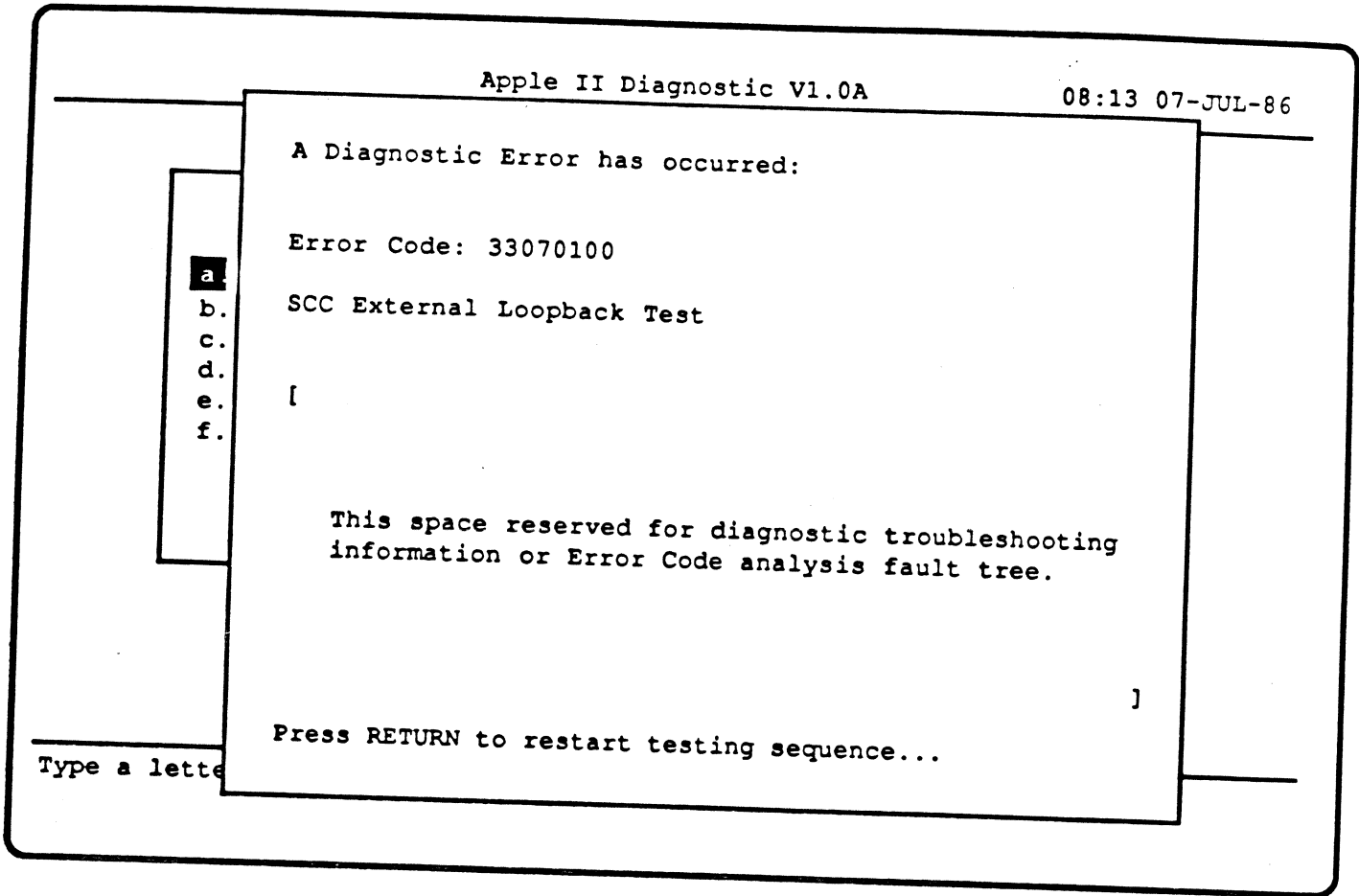


A help menu can be displayed by typing Open-Apple ?.

All other alerts are displayed by a "box" type alert which comes up in front of all menus at the appropriate time (the one above is a future enhancement).

Errors can be logged to disk or RAM and include the date and time that the error occurred. The Error Log on disk is a standard text file format readable by many text editors so that errors can be kept in a large file.

Apple II Series Diagnostics



During testing, an alert is displayed in front of the Main Menu indicating what test is currently executing. Each test name is displayed as the test is executed. Testing can then be halted by pressing the ESC key.

If an Error occurs, the interface will check the Options selected and display a large alert indicating Error information if Stop on Error is active. Otherwise the error will be ignored or logged to RAM or Disk depending on those Option settings. For those tests that require Loopbacks or similar hardware, an alert will also be displayed to confirm that the hardware is actually installed.

There were a couple of things I left out of the documentation that was distributed with the Alpha version of the diagnostics diskette.

Please note:

- 1) The card must be in slot seven to work
- 2) The program only works on //e enhanced or Cortland
It will work on unenhanced //e but the mouse characters will look like garbage -- surprise!!
- 3) It requires an 80 column card
- 4) The loopback card db 25 is plugged into the card and the db 9 is plugged into the mouse port.
- 5) It will only work with versions of ROM 23 or 25 on up.
The tests will fail the ROM tests on other versions.

Sorry for not telling you these things in the beginning. It was one of those days. If you need Loop back cards or SCSI cards, please let Ross Lemcke (Apple link address LEMCKE) know and we will try to get them to you ASAP.

Laura Drittler