

APPLE /// CONFIDENCE DISK (cont)

This is a continuation of a previous article on the Apple /// confidence disk. It covers the Video Display test and the "Continuous" test. The Machine Status, Memory and Disk Drive tests were covered in the previous article.

1.0 The Video Display Test

The video test displays a series of images on your monitor screen. If you have a black and white monitor, the images will be in black and white and shades of grey. If you own a color monitor, some of the images will be in black and white, while others will be in color.

There is no way for the Apple /// to test an image on the monitor screen, so this test requires operator involvement. You will need to examine each screen display for obvious gaps or discrepancies. If any appear, you may be able to adjust the controls on your monitor to correct the problem. If you have a serious display problem, you may have to get a professional to fix it.

1.1 To Run The Test

1. From the main menu, select the Video Display Test and press RETURN
2. For each video test, press RETURN to get the image. When you are done with a display, press RETURN to get the next one.
3. To terminate the test at any time, press ESCAPE.

1.2 The Tests

The first eight video tests display halftone images of the Apple ///. A halftone image is composed of dots of one color on a background of another color. On a black and white screen, each color appears as a distinct shade of gray.

In the following table, the first resolution number is the number of dots per line, the second number is the number of horizontal lines per screen per second. The page numbers refer to the actual portion of RAM memory in which the image is stored.

Test	Graphic Mode	Resolution	Colors
1	Apple II Hires	280 x 192, Page 1	White on Black
2	Apple II Hires	280 x 192, Page 2	White on Black
3	Apple /// Color Hires	280 x 192, Page 1	Blue on Orange
4	Apple /// Color Hires	280 x 192, Page 2	White on D. Green
5	Apple /// Super Hires	560 x 192, Page 1	White on Black
6	Apple /// Super Hires	560 x 192, Page 2	White on Black

Tests seven and eight also display halftone images of the Apple ///. The background is black and the foreground is divided into four colored horizontal bands: Magenta, Blue, Dark Green, and Orange, from top to bottom. On a black and white screen, the bands vary from dark to light.

- 7 Apple /// Color Hires
140 x 192, Page 1
- 8 Apple /// Color Hires
140 x 192, Page 2

The next two tests display solid areas of color, the second with text. If you have a

color monitor, you can use these images to adjust its color. If you have a black and white monitor, the solid areas should appear as progressive shades of grey.

9	Apple ///	Color Bars	140 x 192
10	Apple ///	Color Text	140 x 192

When you have completed all of the video tests, you can return to the main menu by hitting the ESCAPE key.

2.0 The Continuous Test

If your system is working well, it is better not to use this test. Using it for a prolonged period of time puts an unnecessary strain on your disk drives.

If your Apple /// has an intermittent problem, you can use the Continuous Test to try to find it. This test cycles through the Machine Status, Memory, and Disk Drive Tests, counting the number of cycles and displaying this number in the upper right corner of the screen. The tests continue to cycle until you press the ESCAPE key, which terminates the test cycle. The longer the test is left running, the better the chance of catching an intermittent problem.

2.1 To Run The Continuous Test

1. Put a test disk (see previous article) in each external disk drive.
2. From the main menu, select the Continuous Test and thit the RETURN key.
3. Type Y for sound, N for no sound during the test.
4. Let the test run a while.

If a fault is detected, the test stops and the error is highlighted as described in the sections on Machine Status, Memory and Disk Drive Tests. If this occurs, try the test again before contacting the dealer (there are occassionally glitches in the test). Again, to exit the test, hit the ESCAPE key.

- Paul Barale