

Real Software, Inc.

Presents

Computer Diagnostics

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Computer Diagnostics is a collection of programs that will test your computer equipment. The program is easy to use by simply following the prompts on screen as you go.

Loading Instructions:

Insert the disk into the drive with the label facing up and oval facing towards the drive's door. Do not touch the part of the disk that is exposed by the oval as this could damage information stored the disk.

Commodore 64 and 128.

This is a 64K, 40 column program so that it operates both on the Commodore 64 and the Commodore 128 in 64K mode.

To put your Commodore 128 into 64K mode, hold down the Commodore logo key (bottom, left) when you turn the computer on. If you are in the 128K mode, you can type GO64 and the computer will enter the 64K mode.

The computer is ready when you have a blue screen that says: "64K RAM System. 38911 Basic Bytes Free."

Type: LOAD"*",8,1 and press the RETURN key

Apple //e and //c

Insert the disk with the computer's power turned off. Then turn on the power and the disk will automatically load.

IBM PC/XT/AT and compatibles

Load DOS. Insert the disk into drive A. Type DIAG next to the A> prompt and press the RETURN key.

Atari 65, 130 XE, XL, 800

Type DLOAD "DIAG" and press RETURN. When the Ready prompt appears type Run and RETURN again.

The program will load and display the main menu. Select any of the tests by pressing the number next to it.

General Care of Equipment

Computer hardware will generally give you years of trouble free performance. With few movable parts and highly reliable components, computers and monitors will usually operate without malfunction with little maintenance. Mechanical hardware like printers and disk drives may be more prone to going out of alignment or adjustment.

There are some things to avoid in order to keep all your equipment running smoothly:

Dirt and dust can destroy delicate parts like disk drive heads and magnetic surfaces like disks.

Heat can cause components to fail or lose alignment.

Physical shock can throw a disk drive head out of alignment or cause a monitor to lose its alignment.

Cables can fail if they are twisted, tugged or improperly plugged in.

These programs are designed to give you some indication if your hardware is failing.

1. Disk Drive Test

You'll need a spare blank disk for this test. Insert it when prompted. This should be a disk with nothing important on it because the program will write data on it, erasing it.

This tests the drive mechanically and then writes some data to the disk and reads it back to be sure the read/write functions are working. When you are ready press B to begin the test or M to return to the main menu.

2. Random Access Memory (RAM) Test

The RAM is the area of the computer's memory where programs and data are stored. This tests to see if the RAM is functioning.

In order to run this test the program will have to clear out the computer's RAM, including this program. After the test you can simply load Diagnostics up again to continue with the other tests, or you can run this test last.

3. Printer Test

This will print out all the printer characters in the available formats (upper case, lower case, etc).

Note that it tests the graphics capabilities of printers so this test is not valid for letter quality, daisy wheel type printers.

Some tests will not be performed if the printer doesn't support the function being tested. For example the Commodore version performs 12 tests on Commodore printers. It will skip tests on other brands which do not support all the functions.

Be sure all the cables and any interfaces to the printer are hooked up properly and there is paper loaded. Press P to begin the test or M to return to the main menu.

4. Floppy Disk Test

This will examine a floppy disk to determine its condition. Be sure to insert a disk with nothing important on it because the program will write data on it, erasing the existing data.

Each track and sector of a disk is examined and the result is displayed on screen. If a block of the disk is found to be defective, that section will be allocated so that no information will be written there. To begin press T or press M to return to the main menu.

5. Color Test

This test provides a sample of all the colors available so that you can adjust your monitor correctly.

To begin the test, press the B key or press M to return to the main menu. To stop the test, press the Q key to Quit .

6. Audio Test

This will determine if the sound output is working correctly. It will run through a scale of available notes for you.

If there is no sound: check the cables, if the computer is hooked up to a monitor or tv speaker, and check the volume controls.

Other Real Software Available

Money Savers/Volume 1 (RS101)

Ten easy-to-use programs which help you make decisions about saving money and calculate strategies: IRA's vs. savings, living off interest, how much you'll be worth, etc.

Money Savers/Volume 2 (RS102)

Ten easy-to-use programs on disk which will show you how to save money on loans and make better purchasing decisions like buying a new car, whether to buy or lease and more.

Financial Reports & Ratios (RS103)

Create Income Statement and Balance Sheet. Generates 12 financial ratios that measure financial strength of a company.

Skill Builders (RS104)

Typing Tutor, Speed Reader, Decision Maker and Memory Builder provide practice at improving these skills.

Disk Utilities (RS109)

Menu driven programs on disk that take the trouble out of copying, deleting, renaming files; making back-up disks, etc.

Nick Hardy Adventures (RS106)

Three exciting text adventures on disk: Temple Curse, Last Planet and Island of Spies. Help Nick stay out of trouble.

Action Games (RS107)

Three arcade games on disk: Mothership, Aliens from Subterranea and THUD!

Hit Games (RS108)

Three graphic games on disk: Cyberzone, Treasure Raiders and Bowling Night.