

elcome to *How Computers Work*, a self-directed journey into the fascinating world of computers. Below you will find information to help you get started on your exploration. Further information on program features, hardware and software preferences, keyboard shortcuts, computer terms and more is available from the *Read Me* and *Troubleshooting Guide* documents located on the CD-ROM.

Hardware requirements

How Computers Work requires a color-capable Macintosh® with a 13" or larger monitor. You will also need a compatible CD-ROM drive and its corresponding software.

RAM requirements

System 7 users will need a minimum of 4 MB of RAM, but may experience problems even at 5 MB unless RAM is used optimally. This

is because *How Computers Work* requires at least 2 MB to run, and System 7 usually takes around 2 MB itself. The 4 MB user may want to refer to the "Optimizing RAM" notes in the *Troubleshooting Guide*.

System requirements

How Computers Work will run on System 6.0.7 or later (Systems earlier than 6.0.7 do not support QuickTime[™] which is required for *How Computers Work*).

Setup

Insert the CD-ROM disc into your CD-ROM player and double-click on the *HCW* icon that appears on your desktop. You'll need to install the QuickTime extension and 32-Bit QuickDraw™ (for System 6.0.7) if they are not already installed.

InstallationFirst, check to see if QuickTime is

hard disk.

already in your System folder (if you are running System 6.0.7), or in the Extensions folder inside the System folder (if you are running System 7). If QuickTime is not already installed, drag the QuickTime file from inside the Support folder on the CD-ROM to

If you are running System 6.0.7 on an SE-30, II, IIx or IIcx, you'll also need 32-Bit QuickDraw. Install this

the System folder icon on your

in the same way, if it's not already in your System folder.

Performance

How Computers Work will run more quickly if you first copy the application to your hard disk. The application is about 550K in size. You'll find it at the first level upon opening the CD-ROM desktop icon.

Monitor setting How Computers Work is intended

to run in 256 colors. Locate the Monitor control inside the Control Panel (Apple menu) and check the settings.

Starting the program

To run How Computers Work, double-click on the How Computers Work icon. After the opening sequence plays, the Program Map will appear. Note: During the opening animation sequence, you can click anywhere on the screen to advance. Or, if you prefer, click on the compass icon (lower-right

corner) to go directly to the Program Map.

Work. Use the Help button

The Program Map includes several tile-like buttons, each of which will lead you into a different section of *How Computers Work*. Use the Guided Tour (guide cap icon at the bottom of the Program Map) to learn how to use *How Computers*

(question mark icon) to get help

Sample applications

for the current screen.

One of the many exciting features of *How Computers Work* is that it allows you to try out several outstanding sample applications. While the FileMaker Pro® sample databases and QuarkXPress® must be copied to a hard disk in order to run, all of the applications will perform best on a hard disk. The simplest way to handle this is to move the entire Sample Applications folder over to the root (first) level of your hard disk.

directories (folders) may cause problems. If you need to save storage space, simply copy the desired sample application folders onto the root level of your hard disk. Once copied, you can launch any of these directly from the hard disk. To find out how to use any of the sample applications, read the "Demo Guides" located within each

Placing this in lower-level

application's folder. **QuarkXPress 3.1 demo**

Selecting "A Modern Gutenberg" from the "Activities" button of the Program Map will launch QuarkXPress. The demo will not run, however, unless you first copy it to the hard disk as explained above.

Audioshop 1.0 demo

The Opcode Audioshop™ demo can be run directly from the CD-ROM by selecting "Sounding Off" from the "Activities" button on the Program Map. If you would like to save changes you've made to the sounds in a playlist, however, you'll have to put the "Audio" folder on your hard disk.

FileMaker Pro 1.0 demo

The Claris FileMaker Pro demo can be run directly from the CD-ROM by selecting "Information Please" from the "Activities" button on the Program Map. The sample files, however, cannot be accessed until they are put onto a hard disk. To keep it simple, moving the entire folder to the hard disk is

Excel 4.0 demo

recommended.

A demo version of Microsoft® Excel can be launched by selecting

"What if...?" from the "Activities" button on the Program Map.

SuperPaint 3.0 demo
A demo version of Aldus
SuperPaint® can be launched by
selecting "Electronic Easel" from
the "Activities" button on the
Program Map.

Microsoft Word 5.0 demo

can be launched by selecting "Wizard of Words" from the "Activities" button on the Program Map.

A demo version of Microsoft Word

Machine

Machine, an on-line drum machine, can be launched by selecting "Sounding Off" from the "Activities" button on the Program Map.

Tell the Turtle

From the "Activities" button or the "Programming" section, you can choose to write programs using a language called LOGO. For

information, please read the "Tell the Turtle" instructions in the "Operating How Computers Work" section of the *Read Me* file.

Bookmarks

This feature will mark your place in How Computers Work, so you can quit the program and come back to where you left off. How Computers Work allows you to store up to 100 bookmarks so you can tag screens you'd like to come back to later on. For information about saving and retrieving bookmarks, see the "Bookmarks" section in the Read Me file.

Notebook

The Notebook feature allows you to take notes while you read text or view a slide show. Anytime you click on the Notebook button (the notepad and pencil icon), you will see your previous notes, and have the opportunity to add to them. For more information on the Notebook

feature, see the "Notebook" section in the *Read Me* file.

Additional help

Further information on the features of *How Computers Work* can be found in the *Read Me* and *Troubleshooting Guide* documents. For direct technical support, call (818) 955-9999.

How Computers Work is based on the popular Time-Life Books series Understanding Computers and How Things Work. For more information on these series, call (800) 621-7026.

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New Media

WNM 14013

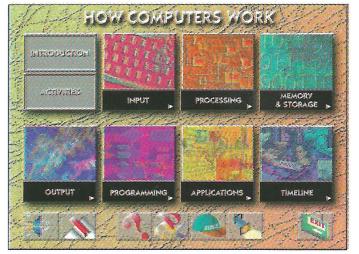
Time-Life Books

CD-ROM / MAC

uickTime animation takes you inside every device from the mouse to the memory cells of a CPU. Demo versions and tutorials teach you how to use the most popular programs on the market today: Microsoft Word and Excel, Aldus SuperPaint, QuarkXPress by Quark, Claris FileMaker Pro and Audioshop by Opcode.

Special Features

■ Choose from more than 50 photo essays on input, processing, memory and storage, output, programming and applications.







- Explore the history of computers—from the abacus to the mechanical calculator to the electrical supercomputer of today—in a narrated time line.
- Preview some of tomorrow's hottest possibilities: biochips, neural networks, superconductors, optical computing and more.
- Learn to program in LOGO with "Tell the Turtle," an easy-to-use programming environment specially created for this application.

Based on the popular Time-Life Books® series *Understanding Computers* and *How Things Work*.

WHAT YOU'LL NEED

Computer: Macintosh LC or II-series

or greater

Monitor: 13-inch color

Software: System 6.0.7 or later

Memory: 4 MB

Disc drive: Macintosh-compatible

CD-ROM drive





WARNER NEW MEDIA

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