Macintosh Hardware System Update 2.0: Components (10/93)

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TOPIC ---

The Macintosh Hardware System Update provides software improvements and
enhancements for Macintosh systems. The update requires Macintosh
System Software version 7.1, and isn't intended for Macintosh Performa
users. This article describes the components of this update.

DISCUSSION --

The Hardware System Update is distributed on a single 1.4 high-density
floppy disk. The disk includes a simple Installer program which allows
users to install files in the System Folder. The Installer
automatically determines which enhancements are appropriate for your
computer. To install the update, double-click on the Hardware System
Update Read Me icon and follow the steps listed there. Note: The
Connectix Enabler Patch may interfere with the Hardware System Update
2.0. You should remove it before installing the update.

The Apple Macintosh Hardware System Update is licensed to customers
free of charge through 40 on-line services, including America-Online
and CompuServe. Normal connect and/or download charges apply. User
groups that make the update available may charge for duplication.

Files on the Hardware System Update

The single 1.4MB high density disk contains the following listed files.
Please note that the Installer only installs those files appropriate to
your specific computer.

• Hardware System Update 2.0 extension (6K)
• Hardware System Update Read Me (3K)
• Memory Control Panel 7.1.1 (39K)
• The PowerBook Display Control Panel 1.0.4 (33K)
• The PowerBook Control Panel 7.1.2 (62K)
  This feature includes new versions of the PowerBook Display Control
  Panel (version 1.0.4) and the PowerBook Control Panel (version
  7.1.2).
• System Enabler 131 1.0.2 for PowerBooks (45K)
• Express Modem 1.0.4 (296K)
  Supports a broader range of standard communications packages.

- Express Modem Tool 1.0.2 (53K)
  Supports a broader range of standard communications packages.
- DiskInit Extension (41K)
- Record Button extension [Apple Adjustable Keyboard] (6K)
- System Enabler 401 v1.0.5 (28K)
  This enables adding the Apple IIe Card and software to the Macintosh
  Color Classic. In addition, the System Enabler improves mouse
  performance on the Color Classic.
- Apple Adjustable Keyboard resources (3K)
  This feature allows users to connect the keyboard to any Macintosh
  computer without separately installing special keyboard software.
- Sound Control Panel 8.0.1 (32K)
- GrayShare serial driver patches [shipped with StyleWriter II
  software] (90K)
- HDSC Setup 7.2 (82K)
  This feature gives more flexibility to format large hard disks
  between 1 and 2 gigabytes.
- Disk First Aid 7.1.1 (47K)
  This is an updated version of the utility that repairs damaged disks.
  The new version repairs hard disks which may appear to be damaged,
  but aren't really damaged.
- Sound Manager 3.0 (95K)
  This feature enhances sound performance on most Macintosh computers
  (all models except Macintosh Plus, SE, and Classic).
- Installer 3.4 (141K)
- Install Script (3K)
- TeachText 7.1 (36K)
- 720KB Floppy Disk Formatter Extension.
  This feature allows users to format low-density (double-sided) floppy
  disks as 720K MFM disks. This feature is included to support certain
  third-party floppy disk drives.

Improvements in Version 2.0

Here's a list of improvements:

- Improves system memory management by storing fonts in the computer's
  memory more efficiently.
- Solves problems sometimes encountered when using the Apple Basic
  Color monitor with Macintosh Centris and Quadra computers. (The
  monitor may appear to be green or a washed-out blue color.)
- Removes horizontal white lines which may appear on Macintosh Centris
  and Quadra computers with a Macintosh 16-inch Color Display.
  (Horizontal white lines appear when users are scrolling through
  text.)
- Corrects certain problems users may have when manipulating large data
  items (greater than 8MB) in high-end graphics or multimedia
  applications. Macintosh models affected: Macintosh IIci, IIfx, all
  Macintosh Quadra computers, all Macintosh Centris computers, and
  Macintosh PowerBooks in 32-bit mode.
- Corrects certain problems with cursor/mouse coordination. Removes
  difficulties when the cursor and mouse do not track together
  properly. Macintosh models affected: Macintosh Centris 610

and 650, Quadra 800, and Macintosh LC III.
- Corrects incompatibilities with certain utilities and some applications. Fixes crashing problems users may have with Connectix PowerBook Utilities, Suitcase 2.1.2, and ATM 3.0.
- Adds additional support for GrayShare and the StyleWriter II printer. Provides better printer and serial performance with GrayShare and the StyleWriter II printer in applications that take advantage of new serial driver support.

Features from the Hardware System Update 1.0

Here's a list of improvements retained in the 2.0 release from the 1.0 version:

- Improves the reliability of high-speed modems and similar devices.
- Improves the accuracy of the system's clock.
- Corrects problems ejecting floppy disks when the computer is shut down.
- Corrects sound input problems on the Macintosh Color Classic.
- Corrects problems users may have with SCSI devices.
- Updates the Memory Control Panel to version 7.1.1, which improves performance in certain low memory conditions.

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