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PowerBook 165c: System Software and Control Panels (2/93)

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TOPIC -----

This article describes the System software and special control panels associated with the new Macintosh PowerBook 165c notebook computer.

DISCUSSION -----

Macintosh System 7.1 is the first world-ready reference release of Macintosh system software. Release 7.1 was designed with the global community in mind.

Support for all scripts (alphabets, or writing systems) has been consolidated into the base system, and the extensions (WorldScript I and II). Localization has been made easier, and adding multiple scripts to the base has been greatly simplified.

- System Enabler # 121 is specifically for the PowerBook 165c.
- A new color Macintosh Basics disk ships with the PowerBook 165c.

New Control Panels

All PowerBook control panels have been modified to support all PowerBook computers.

- The Portable control panel is now called PowerBook.
- There are two new control panels: Auto Remounter and PowerBook Display. Auto Remounter mounts file servers when the system comes out of sleep. PowerBook Display controls screen dimming, and a new feature called mirroring.

PowerBook Control Panel

This control panel has been modified and no longer includes separate controls for system and hard drive sleep. Like the PowerBook 100, the PowerBook 160, 165c, and 180 support SCSI Disk Mode. The SCSI ID number for SCSI Disk Mode is set from this control panel. The Options button allows the user to keep the system awake when plugged in and set the processor speed. The Reduced speed

button reduces the clock speed by half, adding 10-15 minutes to battery life.

The Options dialog will be reduced on the PowerBook 160, 165c, and 180 to make sure the user doesn't turn off power cycling (system rest). To get the full dialog, hold down the Option key when clicking the Options button. When power cycling is turned off and a 16" monitor is used with full hard drive access, the system will not be able to charge the battery; to eliminate this problem, the Option key solution was selected to make sure the user would read the manual to understand the consequences of turning off power cycling.

PowerBook Display Control Panel

This control panel allows the user to set the amount of time the unit takes before the backlight and external monitor turn off to save power. The display dims and turns off only after a period of no keyboard or mouse activity. This is one of the most effective ways to increase battery life.

Video Mirroring

The video mirroring feature displays the same image on the internal display and on the external display. Mirroring sets the screen size to 640 by 400. This allows the presenter to look at the PowerBook built-in display and see exactly what is on the external display or projection device. Video mirroring uses QuickDraw to catch the calls to the screen.

Auto Remounter Control Panel

The Auto Remounter control panel reconnects file servers when the system wakes up from sleep or -- if selected -- from shut down. When Auto Remounter is turned on, the user doesn't see the message stating network services will be lost when Sleep is selected.

SCSI Disk Mode

Like the PowerBook 100, the PowerBook 160, 165c, and 180 support SCSI Disk Mode. With the special SCSI Disk adapter, a user can turn the PowerBook's internal drive into an external drive for another Macintosh computer. Use the PowerBook control panel to set the SCSI id number for the PowerBook drive when used in SCSI Disk Mode.

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