Tech Info Library

Power Macintosh Upgrade Card: Video Problem w/Quadra 700 (1/95)

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TOPIC ---

Our customer has the Power Macintosh Upgrade card installed in a Quadra 700 with
a Multiple Scan 17 Display. If they turn the card off via the control panel,
shut the unit down, then restart, they get no video on their Multiple Scan 17"
display.

Is there a workaround for this problem?

DISCUSSION --

The Power Macintosh Upgrade card allows the use of the 1024 X 768 resolution
when using a 17" Multiple Scan monitor. When the Power Macintosh Upgrade card
is disabled and the resolution is left at 1024 x 768, the Quadra 700 will lose
video on restart. Customers will lose video in 68040 mode if they turn off the
Power Macintosh Upgrade card after they have set the video resolution to 1024 x
768.

Removing the battery for 30 minutes will reset the PRAM so that the Quadra 700
would output video to the 17" Multiple Scan monitor at 640 x 480. The following
workaround eliminates the need to pull the backup battery.

Workaround:

• Shutdown the Quadra 700 and remove the video cable from the Quadra 700.
• Restart the unit and allow it to run approximately one minute.
• Power down the Quadra with the power on/off button on the back of the
  unit.
• Plug the video cable back in and power up the Quadra. Video will be
  restored at the 640 x 480 resolution.

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