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PowerBook Duo: Difference In Volume Level After PPC Upgrd (6/96)

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TOPIC -----

I just had an authorized Apple service technician upgrade my PowerBook (Duo) 280c computer to the Power PC (PPC) 2300c logic board. Now my computer is much louder than it was before. Why? Can I reduce the volume to the way it was before the upgrade?

DISCUSSION -----

The sound output level on the PowerBook 2300c logic board is higher than on previous PowerBook 200 series (Duo) computers. The impedance on the PowerBook 270c and 280c computers' speakers is lower than on the speaker in the PowerBook 2300c. When you upgrade from a PowerBook 270c or 280c to the 2300c logic board, you may find that you PowerBook speaker is noticeably louder than it was before.

A PowerBook 270c or 280c computer which has been upgraded to the PPC logic board has the largest range in volume when compared to the PowerBook 200 or 2300 series computers. If it seems that your PPC upgraded PowerBook is too loud, it is possible that you have not adjusted the Sound control panel correctly. By adjusting the Volume and Alert Volume sliders in the Sound control panel, you should be able to match the overall volume level of your PowerBook computer before it was upgraded.

The following table shows the dB levels of the different PowerBook 200 and 2300 series computers using the Simple Beep sound in the Sound control panel. "Max" means the Volume and Alert Volume sliders were set to maximum. "Min" means the Volume and Alert Volume sliders were set to one. The dB meter was placed about one cm from the speaker.

Begin_Table

PowerBook 2300c	PowerBook 280c	PowerBook 270c/280c upgraded to Power PC
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max - 110dB	max - 101dB	max - 116dB
min - 92dB	min - 85dB	min - 80dB

End_Table

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