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Power Macintosh: Sound Voice Capabilities (3/94)

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TOPIC -----

I have a question about the sound capabilities of the Power Macintosh computers. Are they capable of playing more than four "voices"?

I have a professor at a music school and he wants to be able to play back a composition which has 6 to 8 "voices" in it. Is it a hardware constraint or is it software? He is using HyperCard 2.1 also. Would upgrading make a difference?

DISCUSSION -----

The Power Macintosh computers include Sound Manager 3.0 which supports multiple voice capability. They are capable of playing 6 to 8 voices should not be a problem with the Power Macintosh. Constraints to the number of voices would be in the speed of the hardware, the bit resolution, 8 or 16, and the sampling rate, from 22kHz to 48kHz.

HyperCard 2.2 supports sound better than HyperCard 2.1 and there is an XCMD from Jeff Iverson Software of Burnsville, Minn. that supports HyperCard 2.2 with Sound Manager 3.0 available. Another solution would be to record sounds into a QuickTime format which can have up to 99 soundtracks.

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