

# PC SURROUND SOUND POWER AMPLIFIER

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## ABSTRACT

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Computer usage had become a daily routine for many people in modern lifestyle today. Computer are used a part of education, work and also for entertainment. Talking about computer entertainment for example games, video clips and songs, internet browsing and so on, we should realize they have few things in common. Relating to this project I would like to emphasize on the sound output from a computer.

Current day computers generally come with a pair of speakers, but the increasing popularity of DVD drives adds a new dimension to audio output. When the PCI is provided with 5 channel software player and a sound card with 5 output channels, the sound section can be upgraded to a complete surround sound system.

Of course it is possible to use standard active PC loudspeakers, which are readily available at low cost, it will quality be equal to a hi-fi system? Connecting a full set of living room loudspeakers to the PC is somewhere over the top-both from a financial and spatial point of view. I bet you would rather choose from some of the inexpensive and compact hi-fi loud speakers that are readily available widely in the market today. These loudspeakers are usually not active, which creates another problem of how to operate them in a simple manner?

My contribution to all interested PC owners is to build a plug-in sound card which contains six compact, making it possible to connect ordinary passive loudspeakers to the PC. As you move on through this project report, you would be getting a clearer picture of the PC Surround Sound Card's construction and operation.