Subject: Re: Active xover's
Posted by Larry Acklin on Thu, 28 Jul 2005 14:33:54 GMT
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Hi Grant- an active crossover splits the signal into frequency bands before the output amplifiers. The impedence of the drivers od not directly affect the crossover frequency, as in passive crossovers. However, driver impedence is inversely proportional to output (with solid state amps)- the 8 ohm power output of a power amp is about 1/2 of what the 4 ohm output is- 16 ohm would be half of what the 8 ohm rating is.As a practical matter, you can use the gain controls on the amp or crossover to balance outputs and levels so the result is acceptable.Figure no more than 4 ohms for any driver (or combination of drivers) and most any amp will be happy.Larry Acklin