Subject: Can slope be TOO high?
Posted by GarMan on Tue, 21 Sep 2004 12:50:47 GMT
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In an active crossover system, can the slope be TOO high? The norm seems to be 4th order (24dB/oct), but Marchand has an 8th order unit at 48dB/oct.What are the downsides to using an extremely steep slope and are there systems that are better suited to this than others?thanks,Gar.

Subject: I doubt it
Posted by Bill Fitzmaurice on Tue, 21 Sep 2004 15:52:11 GMT
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I'm sure that if the cost, insertion losses, noise, phase issues and all the other shortcomings of passives wasn't prohibitive that you'd see passives with these orders as well.

Subject: Re: I doubt it
Posted by GarMan on Wed, 22 Sep 2004 02:25:32 GMT
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But Bill, I though that active crossovers can also introduce phase shifts as well.