Subject: Re: Right on
Posted by TC on Thu, 23 Sep 2004 13:26:14 GMT
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>> The voice coil should not be considered some kind of "pure" load by any stretch of the imagination. == In fact a voice coil physically connected to a cone is an load, changing with freq. A load that will introduce distortions into the final circuit of and amp. Never said it was pure. Quite the opposite. I simply maintain that ideally, you want this load to remain as pure as possible, especially when using amps that are sensitive to loads which are usually lower powered.Why Biamp, triamp and quad amp? And why does dynamics suffer except when an amp is connected to only one voice coil no matter the strength of the amp? It's a load alright, just depends on what you expect that single load to do.It's well established that individual amplifiers connected to a single coil modulate that coil better than trying to modulate several coils or elements. Look at all the spkrs like 4-ways that have individual amps on each driver, Meridian, Rushmore, Paradigm. Why all the fuss for connecting one amp to one coil?? Because it has lower distortion and greater dynamic contrast that's easily heard>>It is the least pure part of the circuit.==Right. So you have a simple circuit ie: the output circuit of an amplifier. You can trim and adjust with passive elements all you want. All I am saying is that it always results in non optimal dynamic behaviour, limiting the ability of the amp/spkr to swing dynamics. TC