Subject: The problem is the damping factor...
Posted by mollecon on Tue, 14 Oct 2003 18:40:40 GMT
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If you couple two systems in series as described you will basically mess up the damping factor of each system, thus making the amp's ability to control the bass drivers near resonance almost zero. The result could be a boomy & undefined bass. That's why putting bass drivers in series is a big 'NO NO' in most books you can read about loudspeakers. The parallel coupling doesn't cause this, but do halfen the impedance, which not all amp's are too happy about.But using bass drivers in series have been done successfully both in some DIY & commercial systems. At least, there's no immediate danger in trying! Put two in series & see what happens! If the bass isn't messed up, it's OK in THAT respect.Mind you, there can be other ill effects, on the acoustical side, by using two or more loudspeaker systems - but that's another story.