
Subject: Re: Fountek Ribbon Tweeter
Posted by dB on Fri, 24 Feb 2006 13:38:09 GMT
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Hi, Do you know they have a pretty nice transformer in the back, the Founteks. Isn't it like the 50's speakers that had transformers!? I am reading Klipsch Patents right now, #2612558, #4138594 and #4237340 about x-overs networks and horn loading formulas and design. I helped this other guy in another Forum that needed x-overs for his Founteks and modeled it with one second order LF/HF x-over that worked pretty well. The guys in the Forum were amazed because they had plenty of notches and 4.order LF x-overs that we needed because the 6" mid-bass was peaking at 5/6KHz next to x-over frequency. The result was that going down in the x-over freq. to 2kHz helped, what gave it a beautiful curve down in the problematic area of the peaks in the 5K range. So, the guys were amazed because the second order x-over was giving them a third order slope and that was what everybody was looking after. I think you 'stated' in your White Papers that it is the voice coil (inductance) 'working'. Best Regards
