Subject: Need Math help
Posted by spkrman57 on Wed, 31 Jul 2002 11:33:53 GMT
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Hi, I know this should be easy, but I am putting together (yes, another of my projects) a 16 ohm JBL 2226J and Altec 16 ohm 806A on 32B horn in a Altec A-8 cabinet. For the woofer I will use: 1.4 mh coil, and for the top end: 4ufd/1.2mh/12ufd (1.6khz 3rd order BW). What I have not figure out is resistor values for 12 db attenuation. This is wild guess, but I am thinking that if 15ohm and 30ohm for 8ohm horn, would 30ohm and 60ohm be for 16ohm horn driver. I already know compensation on my Altec horns have ranged from 1-3ufd to suit my listening tastes, so I just need proper values for 12db on 16 ohm drivers. My pc here at work does not open spice or pi-align and can't download from anywhere as that would jepardize my job. Can someone help me out on this one. By the way, the Altec 32B horn in that cabinet is one of the few horns that are cast and will not ring, it is normally used in 800hz 2nd order Butterworth when used Altec 416A woofer. TIA Regards, Capt Ron