Subject: Again, look at the response
Posted by Gazmo on Mon, 14 Feb 2005 21:38:28 GMT
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This is a comparison of a tuba 24 with EV 18 subs. The 18 inchers are shown in blue and the tuba is orange. If you listen to a bass note progression on the EV speaker, you'll hear every note about the same volume level.The tuba hits 40hz and 80hz real loud, but 50hz is 4 times lower than 40hz and about 50 times lower than 100hz(!) In terms of musical notes, this means D(37)and E(41) are blasting, but then F(44) and G(49) are much lower. Notes A(55) through C(65) grow gradually louder and when you hit D(70) again, the sound is getting pretty loud. E(80) is booming one note bass with F(87) and G(98) very loud too. Loudness falls off after that again. In the span of one octave, D(37) to D(70), loudness starts very high then drops to a low and rises to a huge 15dB peak again. I don't know about you, but two huge peaks in a single octave is unacceptable to me.I'm sorry, I just couldn't let this go unnoticed. I don't mean to be a nag but I couldn't remain silent any longer. I was told this site was choosy and quality oriented but then I see tubas with whatever woofer will fit and dr horns with 50 cent knock off piezos. They may be good for garage bands on the cheap but I don't think you can call them hi fidelity.
Frequencies of Musical Notes