Subject: questions.....
Posted by Anonymous on Sat, 19 Oct 2002 03:54:45 GMT
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How does the ear perceive a low frequency note when the wavelengthis so large and you are standing next to the subwoofer?I've heard so many debates, ie, some say you can't hear a 20hz - 50hz note inside the car but your neighbors canhear the bass due to the large wavelength. Other person will say that good headphones can produce 20hz - 50hznotes and you can hear it.Some also say that in order to hear those low frequencies in a movietheater, one should sit in back.When we hear low frequencies up close, do we really hear theactual frequency in question coming from the woofer ordo we hear the actually frequency after the wave has completedthe cycle in which case it has bounced around the room for a bit ?My personal experience is this. If I hear a car playing low bassnotes from a distance, I don't hear those same low notes if I sitinside the car, but you do feel the pressure. Are you justfeeling the pressure, but not hearing the actual low frequencies ?In movie theaters I also hear much lower bass if I sitin the back vs. sitting in front in which case I hear mostlytweeters. Same theater I go to and they have the subs up front.When I put headphones on and listen to a 40hz-50hz tone, I dohear something like fluttering. Am I really hearing the true 40hztone or am I hearing something else ?