
Subject: Re: Heavy-cones verses light-cones in basshorns
Posted by [wunhuanglo](#) on Sun, 27 Aug 2006 17:18:44 GMT
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Unless I simply don't understand what you're saying I have a hard time accepting the proposition that high mass necessarily implies low resonance. Do I interpret your words as comparing similar diameter cones on a beam balance - some impregnated pulp and goop covered cones will be heavier than some thin poly cones for the same diameter? If so, can that necessarily dictate F_s ? With the same surround, the same suspension, the same voice coil and former you can expect the mass to determine the F_s , but it doesn't necessarily follow, does it? The heavier cone could just as well be supported by a stiffer suspension and surround making it a higher F_s driver than the lighter cone, no? It seems to me there has to be a far more complex relationship for there to be a preference; that many other physical parameters have to be considered in addition to mass alone including the combined $\pm kX$ aspect.
