Subject: Lets see
Posted by Earl Geddes on Thu, 08 Dec 2005 19:15:04 GMT
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True on the multiple subs. The response gets smoother as about 1/n with n the number of subs. Big improvement with two, a lttle more with three, less with four and so on until it no longer makes any sense. You get a real output advanatge this way too.The lever can theoretically go to any ratio, but beyong 2:1 we found that the parasitics were eating up the advantages. The mechanical parameters on the radiating side are mutiplied by the ratio squared. So acoustic mass load soon gets to be a problem, etc. Beyond 2:1 and we could not get the lever to survive very long. They get beat pretty hard. You don't have to use just one lever there can be more than one - if thats what you mean. We used two levers one driver.You understand the lever function well enough. It can be used wherever a passive radiator is used.