Subject: Max Power Input into drivers
Posted by GarMan on Tue, 06 Jul 2004 13:04:17 GMT
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I was playing around with Boxplot, modelling various Eminence drivers and would like to clarify how to interpret Max Input and Max SPL. I've already did a search through my copy of Loudspeaker Cookbook and there was very little mention on this topic.For a driver like the Delta12 (not LF), it's rated at 400W. However, according to Boxplot, the Max Power handling of this driver drops very quickly down to 30W below 100Hz in a 4 cubic ft vented box. I guess this is due to the combination of driver compliance, box compliance and Xmax.From a practical standpoint, does this mean that the speaker should not be fed anymore than 30W below 100Hz? thanks,Gar.