

---

Subject: Two more questions for Bill

Posted by [Pinky](#) on Mon, 28 Aug 2006 16:52:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Bill, Measurements are almost always made at 1 watt at one meter, correct? Suppose you have twenty in a row, if you measured them individually at 1/20 of a watt, would you see a flattened frequency response? I'm looking for a reason for the flattening effect of the Frequency Response with multiple drivers. And also, I do have to figure that as volume put out by the speaker (I'm sure there is a technical word for this), the power required to move the cone is not linear, so this is the reason why the sensitivity of the speakers increases as a group? So a dismal 83db sensitivity with just one becomes a respectable 93 db with 10, and maybe even over 100 with 20? Sorry for asking you for reasoning for why, but I'm more of a "why does it work guy". I was once drummed out of an NRI TV repair course in the early 80's for asking "too many questions". They sent me my money back because things they said brought other questions to mind about how things worked. I was supposed to take it on principle, and not ask why. Everybody else did that I suppose. But when one knows why, then one can extrapolate further answers and solve further problems. thanks in advance, Pinky

---