
Subject: Re: alignments

Posted by [hitsware](#) on Mon, 06 Dec 2004 15:38:11 GMT

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Ok. For now let's consider driver in the center of a round baffle. Call F_c the lowest frequency before rolloff begins. Free space. As I understand it (not that that means much The 2 schools of thought..... Say we have a 1' diameter baffle: 1) the circumference must = $1w$ so..... $cir = \pi * dia = \pi F_c = 1130 / \pi = 360\text{Hz}$ 2) the distance front to rear of driver must = $w/2$ so $F_c = 1130 / (2 * dia) = 565\text{Hz}$ #1 is certainly more attractive and seems to work, but what about the 'rear wave cancellation' of #2. ????????????
