
Subject: Re: alignments

Posted by [hitsware](#) on Tue, 07 Dec 2004 00:16:35 GMT

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>Instead of an abrupt rolloff, you'll >probably have more energy below 100Hz >than if the baffle were a 3' circle. Yea But Here's my (tentative) plan: Use a widerange driver to get down to say 100Hz. So a 100Hz driver with a Q of 1 will give a flatresponse ($Q \approx .7$) on a 100Hz baffle. Then add a 'helper woofer' to extend down an octave. (rolled off on the high end with a 12db/octave passivenetwork) (a driver with a Q of 2 @ 50Hz on a 100Hz baffle is flat down to 50Hz) Thus the need for a fairly good definition of bafflecutoff since the baffle is used as a crossover element.
