Subject: Differences between subs
Posted by Wayne Parham on Fri, 25 Jan 2008 15:34:55 GMT
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basshorn subwoofer has three mechanisms that reduce distortion. One is push-pull drive, which works at all frequencies in the passband, but only reduces even numbered harmonics. The second mechanism is horn loading, which reduces excursion in the passband (above 30Hz), which in turn reduces distortion above 30Hz. The third thing is the front chamber and horn folds provide a low-pass filter that attenuates high frequencies, and that results in a reduction of harmonics from third on up.The difference in output is about 15dB too. While that's not an

response down to 20Hz. It is also a much smaller box.