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Subject: Maybe choose another driver

Posted by [Wayne Parham](#) on Sat, 27 Apr 2002 19:18:51 GMT

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A "notch filter" is a band-stop filter and the complement of such a filter is called a band-pass filter. People use band-pass filters for a midrange crossover in three-way speakers. However, the use of a filter as a (wide-band) frequency splitter and the use of a filter as a high-Q (narrow-band) equalization mechanism are two different things. To use a narrow band-pass filter as a compensation network for a response spike means everything else will be shelved down to match. Even that may not do it, because it may be caused by destructive interference, something best addressed by the phase plug. I think I might be tempted to look for another driver instead.