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Subject: Electro-mechanical filter slope

Posted by [Wayne Parham](#) on Mon, 21 Mar 2005 21:51:30 GMT

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The electro-mechanical slope of the driver adds to that of the crossover if they're close in frequency. Phase and amplitude response are the same whether a filter is formed electrically, mechanically, acoustically or combined. The only thing that might complicate things for you is that at the upper end of a driver's response, it usually stops acting as a piston and the cone begins to flex. In breakup, amplitude and phase response isn't usually a simple slope, but rather bounces around with several peaks and valleys instead.

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