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Subject: Delay lines

Posted by [Wayne Parham](#) on Tue, 26 Jun 2007 21:17:50 GMT

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Sure, passive line level crossovers could be used. If you think about it, analog active filters are generally just passive components surrounded by active buffer stages. So a passive line level crossover is not much different than an analog active crossover. On the other hand, the bass horn is long enough that some delay for the mains is in order. The midrange and tweeter horns are about the same length, but the midbass horn is longer. Appropriate delays for each subsystem could be done with position, but electronic delay lines are probably more convenient. This makes more sophisticated crossovers somewhat attractive.

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