
Subject: Re: More active crossover answers

Posted by [Wayne Parham](#) on Tue, 12 Feb 2002 22:14:45 GMT

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If there are no reactive components between the amp and the speaker motor, there is no need for a Zobel. Its purpose is to damp the electrical filter formed by the crossover components and the motor itself. A compression horn tweeter will need augmentation of the top octave though, so you'll want to EQ somewhere in the signal path. You can provide EQ in the low-level preamp circuits instead of at the speaker outputs. Be careful of using amps that thump at power-up. They'll trash a compression driver unless you add a protective capacitor. Just use a relatively large value to block DC. I'd probably also place a non-inductive shunt resistor, something between 1.5x and 2.0x R_e across the driver for good measure.