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Subject: Re: Active highpass filter

Posted by [Wayne Parham](#) on Thu, 11 Apr 2002 00:04:31 GMT

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Below you'll find a rough draft design I made of an active crossover for bi-amp applications. It needs a section for the high-pass "rumble filter" as you've described added to the LF section. And it might be nice to add another jumper-selectable section to both the LF and HF sections that provides a 6dB/octave filter. With a single 6dB/octave jumper-selectable stage and a pair of jumper-selectable 12dB/octave stages, the user can configure 6dB, 12dB, 18dB, 24dB and 30dB per octave stages or 1st through 5th order filters. The rumble filter should be made having a fixed high-order slope, but should have its frequency configurable. In spite of the lack of these things, the schematic shows the circuit for a suitable active crossover. Active Bi-Amp Crossover You can make 'em on breadboards as Greg did. Maybe later I'll continue to research this, do a full analysis, make an improved schematic with specific component values and have circuit boards etched in quantity so that I can offer DIY kits and fully assembled units.

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