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Subject: Re: ribbon protection with electronic crossover?  
Posted by [Anonymous](#) on Tue, 03 Apr 2007 14:16:29 GMT  
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Most true ribbon tweeters are delicate, the capacitor is a good idea, but you should get a high quality capacitor, otherwise I never used capacitors in active system to protect tweeters, I use inline fuses with the tweeter. I start with 3/4A AGC fastblow and skew up or down after a few trials to calibrate the setup. For true ribbons, the cap + fuse combo is what I would do in your situation because an array of ribbons can cost a lot of mullah. If this is planar tweeters and not true ribbons, ie, Dayton PT2 or similar, then there is no worry about blowing these drivers up. Planar technology is much more robust than true ribbons and you won't blow these drivers up on power glitches. Even though I fused my PT2 planars in my array, I've only blew the fuses a couple of times in two years and those tweeters get tortured a lot and nothing has blown yet. I'm surprised how well they can handle torture. re: power up transients. Follow proper power up/down sequencing to minimize risk. Turn on audio system: Turn on the sources first then amps last. Turn off audio system: Turn off amps first, then sources last.

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