
Subject: Fun with capacitors

Posted by [Bill Epstein](#) on Wed, 05 Apr 2006 00:56:15 GMT

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In the 22uF position on the 4Pi crossover the 10uF motor runs with an 8.2 Solen and a 3.3 Clarity yielded a rose-colored mid range. Nicer treble and imaging, tho'Switched to 16uF and 6uF Solens by-passed with a .33uF Auricap. Roses went away but the harsh treble is back.Question: what would the 10uF oil caps at the 8uF position do to the crossover?.Tempted by North Creeks and Mundorfs, too.

Subject: Re: Fun with capacitors

Posted by [Matts](#) on Wed, 05 Apr 2006 01:03:50 GMT

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I just ordered some North Creek 10's to play with- I got 6 of them and plan to try them in the 10 & doubled in the 20 slot. I'll give them awhile to break in and then try the next step.... They're on sale for \$6.50 so it's a good deal.

Subject: Re: Fun with capacitors

Posted by [Wayne Parham](#) on Wed, 05 Apr 2006 15:36:04 GMT

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You can substitute a 10uF capacitor for C2. I'd prefer 8uF, but 10uF isn't too far off. It will shift the shape and position of the low frequency corner, but only very slightly.

Subject: Re: Ixnay on the 10pacitor. 'K?

Posted by [Bill Epstein](#) on Wed, 05 Apr 2006 20:41:12 GMT

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Yeah, there's a shelf there somewhere. Unpleasant tinny-ness combined with that same soupy/syrupy mid-range the oil cap had as a part of the 22uF.Gonna put back the 8 but a Solen instead of the S-Y-Z.

Subject: Re: Fun with capacitors

Posted by [dB](#) on Thu, 06 Apr 2006 22:52:26 GMT

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Hi Bill, I find your experience with motor runs interesting and just want to have this paper on special audio electrolytics. I have been reading good and bad about it. Best Regards
Electrolytic capacitors for audio purposes. (Tobias Jensen Production)

Subject: Re: Fun with capacitors

Posted by [dB](#) on Thu, 06 Apr 2006 22:58:51 GMT

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Sorry, I just ADDED the paper website.

Subject: Re: Update

Posted by [Matts](#) on Fri, 07 Apr 2006 00:01:58 GMT

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Got the North Creek Zens this afternoon- very quick service- and immediately installed a 10uF Zen in place of the mylar 10uF stock. I had forgot that one was a basic mylar. I've already got the fix I was looking for- everything else will be gravy from here on out.... Sounds very good, even only a few discs break-in time. Much more open mids, cleaner, sound, and the "congestion" that I heard on some classical music is gone. I'll give this some time, and move on to the others and experiment a little with them too.

Subject: Re: Fun with capacitors

Posted by [Bill Epstein](#) on Fri, 07 Apr 2006 00:29:15 GMT

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I'm not sure if this is saying the Jensen lectro-lytics are acceptable or superior in cross-overs?

Subject: Re: Fun with capacitors

Posted by [dB](#) on Fri, 07 Apr 2006 07:30:57 GMT

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I don't know what best "C/V ratio" stand's for. I think at least they don't explode. Also, bet that they may be expensive (from catalogue) or difficult to find for doubles of used motor runs. Some tolerances of 10% might be to much, unless you go 5% or less. I agree with you that the final test is the one you do, a work of art if it sounds good. Another link:
JENSEN oil paper capacitors (www.lautsprecher-shop.de)

Subject: Re: Fun with capacitors
Posted by [Damir](#) on Fri, 07 Apr 2006 18:07:17 GMT
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"Switched to 16uF and 6uF Solens by-passed with a .33uF Auricap. Roses went away but the harsh treble is back." Exactly my experience, IMO - if you want that "sweet & rosy" side of the neutral sound (ha), then Mundorf Supreme is the answer...but we are then in \$100 territory for 22uF cap...

Subject: Update :-)
Posted by [Damir](#) on Fri, 07 Apr 2006 18:19:02 GMT
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Just found that "Jacmusic" price for 22uF/800V Mundorf Supreme is 56,64 Euros each, or about \$68,5...

Subject: Re: Maybe a work-around
Posted by [Bill Epstein](#) on Fri, 07 Apr 2006 20:50:20 GMT
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Being payday, I ordered 2 .33uF Supremes from Madisound, \$29 with shipping. Geez, did I really pay that much? They'll replace the Kimbers in the horn attenuation circuit. I am debating whether to spring for the North Creeks on sale as did Matts. The necessary 6-10uF's are about \$42 and another \$50 or so to by-pass with the Crescendo's. Will wait and see what the little Mundorfs accomplish.

Subject: Re: Maybe a work-around
Posted by [Matts_](#) on Fri, 07 Apr 2006 21:46:54 GMT

I've been keeping the music going a lot and just changing the basic 10uF's with the North Creek Zens has made a *huge* difference in my sounds- I'm sold. No bypassing, haven't touched the other two on the board. I did change the horn attenuator out for Auricap/Mills when very new. I was getting frustrated because I got a couple good Cleveland Quartet/Beethoven late quartets and when all 4 instruments played fast runs it was getting hopelessly congested. Now it's very clean, the sound is probably very rosy, but with good detail, and I'm going to wait a couple weeks before doing the next thing. I still have the other 4 Zen Tens, will probably combine those with a high-end two for the 22s. I'm very sold on the Zens!

Subject: Re: Update :-)

Posted by [Tobias](#) on Sun, 09 Apr 2006 12:06:47 GMT

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I'm using Mundorf Supremes in my Pro Pi Seven crossovers. They make those yellow caps on the stock Eminence crossovers sound lean, grainy, and constricted. Of course, Mills resistors and Alpha Core inductors don't hurt either.
