Subject: Substitutions for 22uF cap in Theater 4 crossover
Posted by GarlandGarland on Thu, 24 Mar 2005 13:12:18 GMT
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Not knowing much about crossovers, what would the effect be of my using a 20uF cap on the compression drivers in my Theater 4 Pis in place of the stock 22uF?Thanks.Garland

Subject: Re: Substitutions for 22uF cap in Theater 4 crossover
Posted by Wayne Parham on Thu, 24 Mar 2005 16:15:58 GMT
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20uF works just fine.

Subject: Re: Substitutions for 22uF cap in Theater 4 crossover
Posted by GarMan on Thu, 24 Mar 2005 22:31:45 GMT
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Rule of thumb is if you're within 10%, you should be fine. However, given that most caps are +/- 20% of stated value anyways, there's a lot wriggle room.

Subject: Follow-up
Posted by Garland garland on Fri, 25 Mar 2005 13:11:42 GMT
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OK, so last night I popped in a pair of GE 97F motor run oil caps @20uF in place of the Solen 22uF's on the compression drivers of the Theater 4's and like the effect. There is a bit of a watery, quavery sound that I expect with new caps but I hope that will settle down after a few more hours. But the first couple of hours of listening reveals a more continous harmonic sructure with a reduction of grain that I often find Solen caps add to the sound. Very musical effect, so far. The only down side is a possible reduction in the amplitude of the high freqs which of course, may be just an aural/mental responce to the missing Solen "tizz".G.

Subject: Re: Follow-up
Posted by GarMan on Fri, 25 Mar 2005 16:53:02 GMT

I should go down to my local surplus store and look at the "metal cans" they have in stock again. Never really knew what they were. If they have the right values, it would be a lot cheaper than buying Solen caps (although Solens are already a great deal compared to most boutiques)Gar.

Subject: Re: Follow-up
Posted by Garland garland on Fri, 25 Mar 2005 18:17:15 GMT

I think 20uF Solens are are a bit over $8 at Parts Express and I paid $12 for a GE 97F at Grainger. Still cheap in my book, esp. compared to the prices for Auricaps and Mundorf, etc. G.