Subject: Mounting Coupling caps
Posted by Manualblock on Wed, 02 Mar 2005 18:25:41 GMT
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I drilled access holes through the top of the chassis then used RV silicon adhesive to bind them to the metal. But I am not to sure of the integrity of the contact and if it will hold well. Whats a good way to ensure they remain standing upright? I like the way they look sitting behind the 5687 so I would like to keep them there. What do you guys do?

Subject: Re: Mounting Coupling caps
Posted by Thrint on Wed, 02 Mar 2005 21:14:42 GMT
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I keep them in the same location and orientation, but glue them to the underside of the chassis with JB Weld. It requires a thicker base x-section...I suspect that your method would work just fine with JB Quick instead of Silicone. That 2-part is tough stuff. Just clean thoroughly first.regards,Douglas

Subject: Re: Mounting Coupling caps
Posted by Manualblock on Wed, 02 Mar 2005 22:41:18 GMT
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Thanks T; So far the silicon is holding cross my fingers. This is a breadboard anyway. I will probably end up re-using them in the custom chassis. While I have you; I sent an e-mail looking for the RS filament schematic. It disapeared off ART and I can't unscramble the one Colin sent. If you get a chance, thanks.

Subject: Re: Mounting Coupling caps
Posted by Thrint on Wed, 02 Mar 2005 23:51:40 GMT
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no problem. I'll be home tomorrow to read it. I can't remember my password, else I'd be using my proper name. Glad nobody is bent about it I'll do a verbalThe 25.2vac/2A RS TX is te one to use. Colin did a two diode, full wave(with the center tap as ground) to RC-RC with 2R resistors.http://www.tpub.com/neets/book7/27b.htmInstead of the resistive laod, we will put in two RC filters.does this help? or were you planning on using the L-C filter?regards,Douglas
http://www.tpub.com/neets/book7/27b.htm

Subject: Re: Mounting Coupling caps
Posted by Manualblock on Thu, 03 Mar 2005 00:54:19 GMT
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Yes that helps; I just need a little prodding to wire up the RC filter section. I have the two 47k caps and 4 1ohm cement resistors. The caps are electrolytics so the polarity issue is where I am not certain. I am using the RS 25v fil. trans. The diodes are the 5408 for now because I had a pair on hand. Question; can we use hexfreds?I have plenty of room underneath for changes. I am going to take photos of the wire-up for future reference. Or I can post as I go along if anyone's interested.

Subject: Cap polarity
Posted by colinhester on Thu, 03 Mar 2005 01:11:13 GMT
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For the heater, the negative end of the first cap is attached to the CT adn the second cap's negative is wired directly to the first negative. The resistors are wired in series to the positive side. If you did not catch my earlier post the 5 ohm should be 2 ohn and the 3 ohm should be 2 as well.....Colin
http://audioroundtable.com/GroupBuild/messages/397.html

Subject: Re: Cap polarity
Posted by Manualblock on Thu, 03 Mar 2005 01:34:36 GMT
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Thanks C; is that correct; 10000uf caps? Not the 47k's?

Subject: Re: Cap polarity
Posted by Thrint on Thu, 03 Mar 2005 02:06:23 GMT
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I think 10k will be OK. I have used 4k7 in the past. 47k is probably best done with 5x 10000 uF. I don't think 47000 uF are going to be small...regards,Douglas

Subject: Re: Cap polarity
Posted by Manualblock on Thu, 03 Mar 2005 02:12:57 GMT
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O'kay so 10k is best and 2x1ohm resistors; gotcha, thanks much.

Subject: No problem
Posted by PakProtector on Thu, 03 Mar 2005 21:02:50 GMT
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See? my moniker still works. On the cap thing, I assume you remember the lead next to the stripe is negative and will be attached to the common return/filament ground. The voltage will be dealt with on the positive side.regards,DouglasSnake Oil is just that...rendered snake