Subject: Piezos MELTED!!!
Posted by themilford on Tue, 08 May 2007 00:52:01 GMT
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Hey guys,I gave my pair of Two Pi to a dear friend about a year ago. He just used them to DJ a gig and ran them super loud for about 7 hours at a loft party. He asked me to take a look at them because they we're no longer sounding right... i listened to them and realized the tweeters were not making any sound.So, I opened them up and pulled the tweeters and the backs of the drivers were melted... The terminals had melted right off of the drivers! I realize it could have been that the 20ohm resistors were mounted to close to the drivers and heated up and melted them.I opened up the driver and pulled out the voice coil/element and ran some signal through... and they still worked! it's just the back plastic cover that is melted.Sooo... does anybody here have an extra blown pair of KSN drivers that I could steel the back covers off of?Or does anybody wanna sell me a pair them? I'd like to get these up and running again for my friend. He loves them and promised me he wouldn't be using to DJ any longer. And just to be safe I will be mounting the resistors away from the tweeters Cheers,David

Subject: Smokin'!
Posted by Wayne Parham on Tue, 08 May 2007 16:04:43 GMT
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I don't know whether to laugh or not! That's hilarious and would be inexpensive to solve but I don't have spares for those old CTS tweeters anymore. You may be in luck though - Seems like I heard someone eventually purchased tooling for the CTS tweeters. Hopefully someone will chime in with more information.

Subject: Re: Smokin'!
Posted by themilford on Tue, 08 May 2007 17:20:04 GMT
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Hey Wayne,Yeah... it was funny. He was like "umm... do you think you could listen to these... they don't sound "right"".The tabs melted right off of the drivers! and the back "cups" are all mishapen. I'll try to post pictures this weekend maybe.also, in my travels I saw the KSn1038s available in Australia... could this be the new manufacturer?

Subject: Re: Smokin'!
Posted by themilford on Tue, 08 May 2007 17:29:44 GMT

like here:http://www.wagner.net.au/speakers/34-Instrument.pdfand here:http://www.speakersplus.com.au/product_info.php?cPath=76&products_id=365&osCsid=96d47c007bb07a5e02e4250be3012e79

Subject: Re: Piezos MELTED!!!
Posted by Shane on Tue, 08 May 2007 19:47:48 GMT

Wow!!I once had the domes off a pair of Polk Monitor 10's just "float" off out into the room when we played them too loud for too long. Found them laying on the floor in front of each speaker. They were expensive to replace.

Subject: Re: Piezos MELTED!!!
Posted by jimbop on Wed, 09 May 2007 12:00:43 GMT

I once had a pair of small cabinets built with inexpensive 12" drivers. A friend used them for a small apartment party, driven by an 800-watt PA amp. The cones burst into flames during the party!!

Subject: Re: Smokin'!
Posted by Paul C. on Thu, 10 May 2007 04:14:15 GMT

Genuine CTS piezos are becoming availabe through Martin Sound (link below). So far, they just have what were the most popular models.I think the elements and backs of the KSN1016a's, KSN1001a's and 1005a's fit your 1038's. I think you can simply pull the back section of the 1016a and replace your 1038's element and back.There are two versions of the larger 1800 hz piezo drivers. One version of each model had only a tiny 22 ohm 1/2 w resistor inside. The "Powerline Series" had a tiny lightbulb and poly switch (I think) to form a protection circuit that was good up to 400 w.I had a 10 pc Tower of Power style R&B band that often played in the local civic center. Just a few blocks away was a large communications tower (Datacom) with a gazillion antennas and a major intersection. Our old Peavey PA amp would pick up radio signals at times, we could hear the voices at low levels. But a few times, we think it was HF oscillation from RF, completely inaudible, would toast the KSN1025a's (aka 2x6 horn) in our PA speakers. When I say toast, I am

talking smoke coming out of the horn, as if a smoldering cigarette were inside. Upon removal, we found the back cover melted. You will see the better "Powerline" version on the Martin site as Cat No 0934. We didn't have those... we had the cheapo versions.
http://www.martinsoundpro.com/item.asp?id=340

Subject: well...
Posted by themilford on Thu, 10 May 2007 14:17:40 GMT
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If your positive one of these units backs will fit the 1038 I'll just buy the cheapest ones.

Subject: Re: well...
Posted by Paul C. on Thu, 10 May 2007 15:34:58 GMT
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The KSN1016a is the one.

Subject: Did you get the right part?
Posted by Paul C. on Mon, 28 May 2007 22:57:08 GMT
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Did you get the right part to fix your 1038?Results?
