Subject: How to measure T-S Parameters
Posted by Bill Epstein on Fri, 31 Dec 2010 18:25:26 GMT
View Forum Message <> Reply to Message

I searched the model number (V12RXC21)and EIC code (328544) of the 12"-rs I thought were Altec/University. There's a thread on Audio Karma that identifies them as Utah, 328 being the EIC (whatever that is) code for Utah.

They sound so good I'm wondering what effort and equipment is involved in measuring the Thiele-Small numbers so to get them in proper size boxes.

BTW Wayne, Steve Brown prolly has his pair still in Tulsa....

Subject: Re: How to measure T-S Parameters
Posted by Wayne Parham on Fri, 31 Dec 2010 19:56:35 GMT
View Forum Message <> Reply to Message

You can also do T/S measurements with a signal generator and multimeter or scope. The signal generator can even be a program that runs on your PC and outputs sine waves on your sound card. This will do the job and the price is right, but it's tedious.
T/S MeasurementsAs I said, it's a tedius process and easy to make a mistake, so you might consider getting one of Keith Larson's woofer testers:
Smith & Larson AudioThe entry level product is just fine for doing T/S measurements. Does a great job and is very accurate.

Don't get the Parts Express copy - not only was it wrong of them to have sent it to China and copied it, but they did a bad job and got an old version of the product that had uncorrected flaws. It's junk.

Subject: Re: How to measure T-S Parameters
Posted by Bill Epstein on Fri, 31 Dec 2010 20:52:38 GMT
View Forum Message <> Reply to Message

It looks to me that WT2 will measure the T&S parameters and import them to a box design program? Seems worthwhile on that basis.

Subject: Re: How to measure T-S Parameters
Posted by Wayne Parham on Sat, 01 Jan 2011 15:42:01 GMT
View Forum Message <> Reply to Message

Yes, that's what it does. And the modeler works very well, so there you go!

Subject: Re: How to measure T-S Parameters
Posted by steve f on Sat, 01 Jan 2011 16:20:14 GMT
View Forum Message <> Reply to Message

I made the mistake of buying the other brand. (At the time, I didn't know about the S&L or that mine was a rip off.) I'm planning to replace it with the original as I really dislike ripping off intellectual property.

Steve
