Subject: Re: Piezo Curves
Posted by Nihilist on Thu, 07 Feb 2013 03:05:58 GMT
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IDK about the off-axis response. I know a few guys on other forums reported liking the KSN1177.

The KSN1056 and the KSN1038 look very similar, but they are different somehow. If you look through all the drivers on the website, they show a KSN1038, but don't have the specs up for download/viewing.

The KSN1165 looks very similar to the KSN1167 , but the KSN1165 has a larger/thicker piezo drive element. Also the horn throat is deeper and the overall diameter is larger than the KSN1167. KSN1165 is rated to about 3500-3800hz and up , while the KSN1165 is rated from 1800hz and up.

Here's a link about the Piezo drive elements. He makes a mistake and says KSN1038, but he is referring to the KSN1034.

http://www.audioasylum.com/forums/hug/messages/2/29739.html

Also, if you look into it, certain piezo tweeters had larger paper diaphragms too. So between different horn loadings (or none) , different size piezo drive elements , and different size paper diaphragms, you get a pretty big range of tweeters.

Here's another link about piezos http://fullrangedriver.com/forum/viewtopic.php?id=1624

.....Blake

File Attachments

1) CTS piezo white paper.pdf, downloaded 932 times