Subject: JBL G-730 Diaphragm quest
Posted by xnay on Tue, 24 Jul 2007 17:32:21 GMT
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What does a bad mid-range driver diaphragm sound like?? Is there hissing, cracking, buzzing, etc.?? It seems the voice just doesn't seem as clear as it should, like it's drowning. Was hoping to get a little feedback before investing $$$ for new ones. Thanks in advance

Subject: Re: JBL G-730 Diaphragm quest
Posted by Wayne Parham on Wed, 25 Jul 2007 14:48:38 GMT
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One of the most common symptoms of a blown driver is buzzing. This happens when the voice coil begins to unwind from heat weakening the adhesive that holds it to the former. It then rubs on the pole piece. This can make it buzz or sound fuzzy or scratchy. Another thing that can happen is a tear of the surround or damage to the diaphragm itself. This is usually caused by overexcursion or contact with the phase plug (in a compression driver) or foreign debris. This will usually sound lower in volume and different in tonal character, sometimes buzzing as well.

Subject: Re: JBL G-730 Diaphragm quest
Posted by xnay on Fri, 27 Jul 2007 16:40:45 GMT
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Thank you Wayne, for elaborating in such detail. Your reply is very clear and informative. I learned much. Robert