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Subject: resonance problem

Posted by [Tuneman](#) on Thu, 29 Mar 2001 02:49:47 GMT

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I was wondering what are some common causes of resonance. I have a set of Paradigm Monitor 70p's and one of the speakers resonates whilst playing some of my favorite piano tunes. I took my speaker back and the tweeter diaphragm was replaced. Despite this repair the speaker still resonated, but to a lesser extent. I took the speaker back in for repairs after I showed the tech what the problem was and let him listen to the speaker. It was suggested that the amp be replaced, as they are powered towers. I was told that the speaker was sent back to the factory for repairs. Could it be that this one speaker was a bad one that got out in the world with a defective cabinet and/or drivers?

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Subject: Re: resonance problem

Posted by [RBP](#) on Thu, 29 Mar 2001 03:07:04 GMT

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Very possible. you might have one voice coil winding that was rattling.. Just a wire vibrating in the voice coil that should have been laminated down. As per the amp replacement...a screw or nut inside could be buzzing, a ground problem in the amp, or simple amplifier oscillation. Lot's of causes...loose panels Shipping damage internally (Trucking companies do drop things) Things do happen!