
Subject: Attenuating piezo tweeters

Posted by [Wayne Parham](#) on Thu, 18 Apr 2002 16:19:31 GMT

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Put a capacitor in series with a piezo tweeter to attenuate it. That's all there is to it. As far as the value, I'm not familiar with the 1197, so I can't say for sure. But the KSN 1038 is attenuated a little more than 6dB using a 0.1uF capacitor. Here's a chart:

1.0uF	-1dB
0.47uF	-2dB
0.33uF	-3dB
0.22uF	-4dB
0.1uF	-7dB

Your tweeter may have different electro-mechanical parameters, and would need different values of capacitors for the same attenuation. You might want to check and find out.