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Subject: Re: Length of Speaker Wiring

Posted by [Wayne Parham](#) on Sun, 18 Nov 2018 18:09:52 GMT

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When speaker wire resistance increases, the sound output begins to drop. It also will start to affect the response curve, creating a bulge in response where loudspeaker impedance peaks and falling where loudspeaker impedance dips. This usually occurs in the bass and around the crossover frequencies.

The trend starts around the 10% value I mentioned, but it's slight and barely noticeable even with measurement equipment. As wire resistance increases past that point it becomes more and more noticeable, and by the time the wire resistance equals the load, it will have become very obvious.

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