

---

Subject: Re: Electrical filters and Acoustic Filters

Posted by [Wayne Parham](#) on Mon, 19 Sep 2005 17:33:13 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Agreed. The driver itself isn't altered using series resistance, but the circuit Q is modified. Adding series resistance has the same effect as if the driver were altered in a way that increases Qes, just as if the voice coil had greater internal resistance. I probably could have written that differently but the point I wanted to make was that the speaker circuit's electrical Q changes, damping changes, the frequency dependent voltage division changes and there is a shift in the response curve as a result.

---