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Subject: It's Adjustable Too

Posted by [FredT](#) on Fri, 11 Mar 2005 12:31:10 GMT

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It's interesting how I can vary the effect by changing resistor values. Without the network the bass transient response sounds undercontrolled to my ears. Using an 8 ohm resistor the bass becomes very tight but sounds a bit overcontrolled (the typical Best Buy or Circuit City shopper would complain that the speakers "don't have enough bass"). A 16 ohm resistor provides a nice balance, even on bass transient heavy material like Brian Bromberg's "Wood" acoustic bass disk. I remember Jim Vandersteen was talking about his company's subwoofers, and he said the first model had a Q of 0.7, but some customers were complaining they "couldn't hear the bass". So he modified the subs by incorporating a continuously variable Q control, giving the customer a choice of tight bass, fart box bass, or anything in between.

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