
Subject: Re: Comments on this 3-way layout?

Posted by [Wayne Parham](#) on Mon, 18 Dec 2006 14:50:27 GMT

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Oooh, sounds sweet! Let us know how it sounds! As for the shunt resistor, I'd use a non-inductive resistor, 2x to 4x the R_{dc} of the driver. On some drivers it's more important, some less, but it cannot hurt to have additional damping. Values in this range won't reduce impedance much at all, but will give additional damping. That's important when there is a capacitor in the circuit, because the voice coil is inductive and the two combine form a tank circuit. The shunt resistor helps damp the resonance.
