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Subject: Re: Bye-Bye 15 Ohm Shunt

Posted by [Wayne Parham](#) on Mon, 19 Aug 2013 02:44:35 GMT

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It's really just like a Zobel, doing nothing but impedance compensation. Don't need it on the older radial horns, but the new horn kinda does, at least in some cases. Some drivers can live without it on the H290C, but some have too big an impedance peak near crossover and it manifests in the response curve. So the  $R_s$  shunt resistor is just there to ensure  $Z_{max}$  never exceeds the value of  $R_s$ .

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