Subject: L pad
Posted by johnnycamp5 on Sat, 20 Feb 2021 16:08:12 GMT
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I have a very elementary question for any crossover circuit experts...

I am under the impression that a single resistor in series with a loudspeaker can increase overall impedance but also alter/attenuate frequency response, where an L-pad configuration (r-1 series x r-2 parallel) will increase the impedance without changing F.R.

Is this generalization mostly correct?

I have an upcoming build where I am trying to pad down a large waveguide/CD combo (ME464/DCX464) from 111db sensitivity to 98db sensitivity (to closer match a jbl2226). Basically a two way speaker.

They will be hi-amped, so I'm not sure how critical it is, but I'd like to pad down the 8ohm compression driver anyhow to get a closer start and the additional noise floor reduction ...

I am referring to an increase in overall loudspeaker impedance to a decrease in its overall sensitivity, I'm not sure if that is correct or not.