
Subject: RLC Filter for Eminence Delta 12 LF

Posted by [Pascal](#) on Mon, 05 Aug 2002 14:59:00 GMT

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Hello, I use a 25W tube amp with a diy loudspeaker. This loudspeaker is made with a Fostex FE206E + FT17H on open baffle upon a bass enclosure with an Eminence Delta 12 LF. The problem is that the damping factor of this amplifier is not friendly with Delta 12LF and I have not enough dynamic and efficiency on basses. I need a RLC series notch filter before using bi amplification but I'm not sure how to calculate it. Does somebody could help me ? :(
Thanks. Eminence Delta 12LF : $R_e = 6,06 \text{ ohms}$ $f_s = 45 \text{ Hz}$ $Q_{es} = 0,45$ $Q_{ms} = 7,28$ Impedance at $f_s = 93 \text{ ohms}$
Pascal / France
