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Subject: C5 & R3 values - accuracy of driver

Posted by [Super\\_BQ](#) on Fri, 15 Mar 2002 10:05:10 GMT

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Hello Wayne, I'm curious on the accuracy of my Eminence Delta 15A woofer (used in Theater 4 Pi speaker xover). On their spec. page they show: Coil Inductance ( $L_e$ ) = 0.86 mH Coil Impedance ( $R_e$ ) = 6.9 ohms Using the above,  $C5 = 18\mu\text{F}$  and  $R3 = 8.625$  But when using my LCR digital multi-meter to measure the actual woofer I get: Coil Inductance ( $L_e$ ) = 0.66 mH Coil Impedance ( $R_e$ ) = 6.5 ohms Using the above,  $C5 = 15.62\mu\text{F}$  and  $R3 = 8.125$  ohms Should I use C5 & R3 values that I measured with my LCR meter or should I just stick with say a 20mH inductor as mentioned from other previous posts? Is it that Eminence's specification shows a "nominal" value and what I get with my LCR meter will be different? Brendon

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