

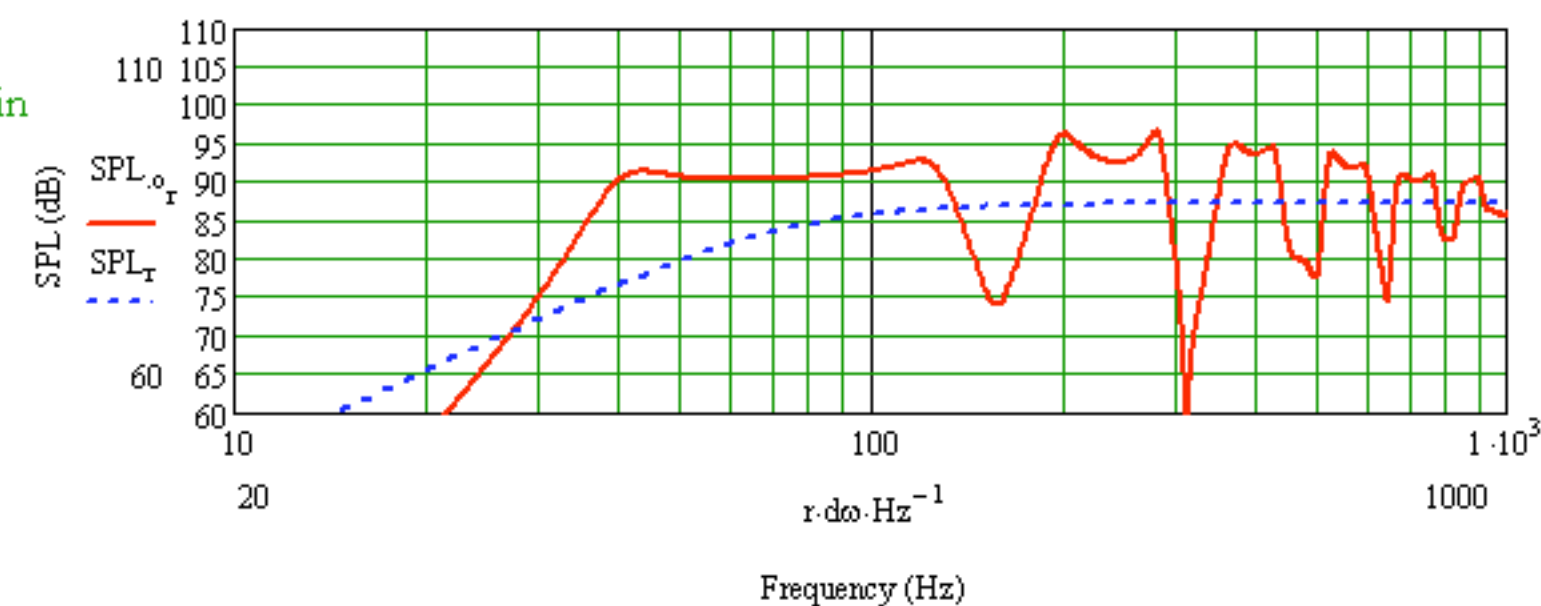
East Moor

Twin constant cross section resonance tube for Mark Audio CHR-70 full range driver.

Cabinet lined with 1/2in acoustic damping material (wool-felt or similar) top, back & one sidewall of front tube; entire base and rear wall to top of fold as indicated in red. Adjust damping to taste.

Harmonics should attenuate faster than indicated, nulls also overstated as upward firing vent substantially off-axis. May be used free-standing, or in 1/4 or 1/8 space.

Drawn assuming 3/4in material.



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Simulated FR graph from MathCAD worksheet courtesy of Martin J. King.

S. Lindgren 29 / 03 / 2009.