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Subject: The "Tallerays"

Posted by [FredT](#) on Thu, 30 Aug 2007 13:00:47 GMT

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So named because at 7'4" they're taller than any other speakers I've built. They're extreme budget (about \$100/ea) dipole line arrays, first described by Zobsky on the Audio Circles OB forum. Each speaker houses 14 Madisound \$3 Foster buyout extended range midwoofers and one Eminence ASD-1001 compression driver with a Dayton waveguide. The woofers run full range to their natural 5khz rolloff; the tweeters use a 2nd order crossover. They have several good qualities including cheap, easy to build, friendly to low power SET tube amps (7 ohm impedance with no crossover in the woofer signal path, about 96dB sensitivity) and several shortcomings including somewhat opaque midrange from the \$3 drivers, little output below 70hz (need a subwoofer to sound right) and limited hf extension of the ASD-1001 driver. Nobody will confuse these with high end speakers, but they don't do anything outrageously bad either. Now imagine the look of surprise and pleasure on your wife's face as you carry a pair of these into the house unannounced.

The "Tallerays"

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