Subject: Re: Wayne, check this out...
Posted by mikebake on Wed, 08 May 2002 01:03:56 GMT
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Any use for this driver?Maximum Output Transducers: 2012H and 2020H

(Symmetrical Field Geometry) motor structures, the Maximum Output transducers employ a new magnetic structure with a copper sleeve symmetrically positioned on the polepiece above and below the top plate. This copper sleeve is located in a larger voice coil gap than is found in traditional designs, and provides significant reductions in both second and third order harmonic distortion with a single design element. Due to this innovative new magnet structure design, these transducers exhibit extremely low midband distortion and feature a very smooth, gradually rising response over the transducers' target operating ranges.A hallmark of these units is their enhanced dynamic compression characteristics. Power compression in all loudspeakers results from the increase in voice coil temperature and the consequent rise in dc resistance. Power compression at high operating levels can rob music of its essential dynamics. Professional users who are concerned with performance under long-term periods of continuous usage at or near rated power will find that these transducers exhibit approximately 3 dB of power compression at full rated power. ---------- 2012H 250mm (10 in) Midrange/Midbass Transducer 2012H Specification Sheet(Adobe Acrobat, 146kb) The 2012H Maximum Output transducer is specifically designed to provide smooth, low-distortion midrange output for the highest quality sound reinforcement applications. It is suitable for use in both direct radiator and horn-loaded applications, and can be mounted in small enclosures while maintaining smooth, peak-free response. 300 W AES continuous pink noise power capacity 8 ohm impedance 76 mm (3 in) edgewound aluminum ribbon voice coil 75 Hz-7 kHz response 100 dB sensitivity, 1 W, 1 m (3.3 ft) New magnet structure with enhanced distortion-reduction characteristics Net weight: 8.6 kg (19 lb.)

Specs for 2012 driver