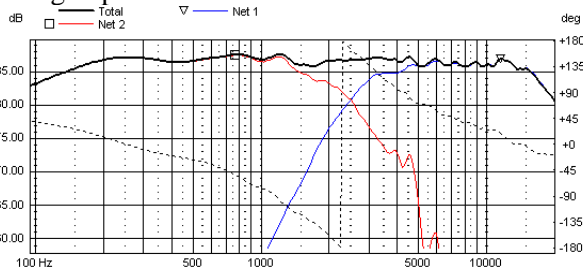


# Jantzen Audio Polypropylene drivers JA-6006, 6 inch



The JA-6006 is a powerful 6" midbass driver fitted with a polypropylene cone and a massive 75 mm voice coil ensuring high power handling. A thoroughly vented spider chassis provides free air ventilation and absence of compression. The driver may be used in 2-way monitors of modest size or as a 2-way floorstander in a 16-22 litres enclosure.

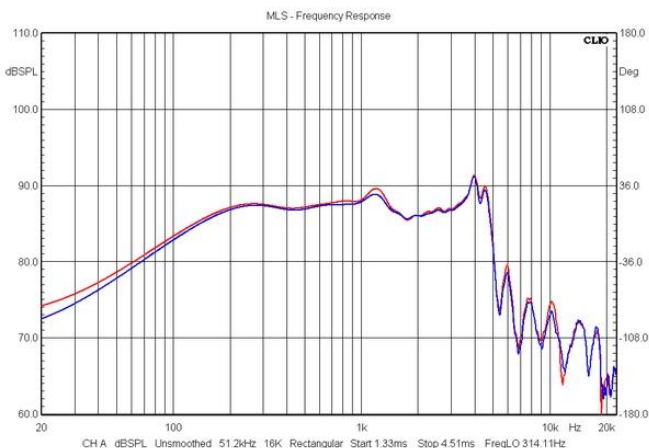
The smooth roll-off characteristic provides easy filtering at points of crossover around 2-3 kHz.



Example of two-way set-up with JA-2806 tweeter in 22 litre floorstander. 2<sup>nd</sup> order low-pass filter, 3<sup>rd</sup> order high-pass for tweeter.

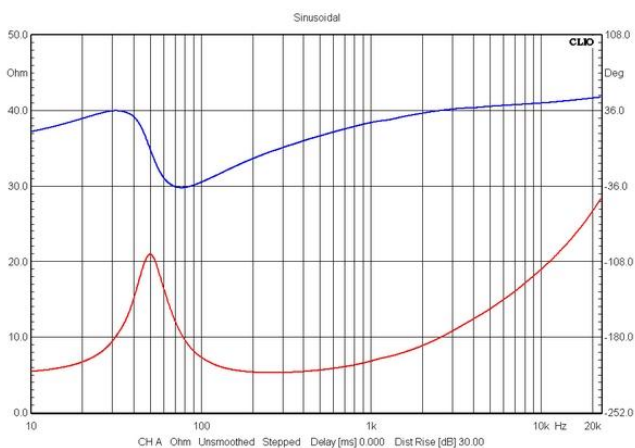
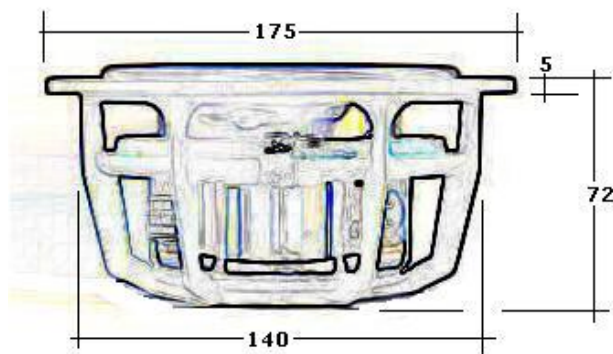
**Basic parameters:** Average of two units. Added volume (18 litres) method used for generating data.

- $F_s = 50 \text{ Hz}$
- $R_e = 5.04$
- $Q_{ms} = 2.31$
- $Q_e = 0.73$
- $Q_t = 0.53$
- $C_{ms} = 0.55$
- $M_{ms} = 15.0 \text{ grams}$
- $BL = 5.72$
- $V_{as} = 13.3 \text{ litre}$
- $dBSPL = 85.6 (1W/1m)$
- $SD = 119 \text{ cm}^2$
- Power handling = 100 W RMS/150 W max.
- Voice coil diameter = 3", 75 mm
- Nominal impedance = 6 ohms.



Frequency response from mounting the driver in a floorstander cabinet with front panel dimensions of 190 x 1000 mm. Response from two drivers shown.

JA6006 driver dimensions.



Impedance of driver in free air.

