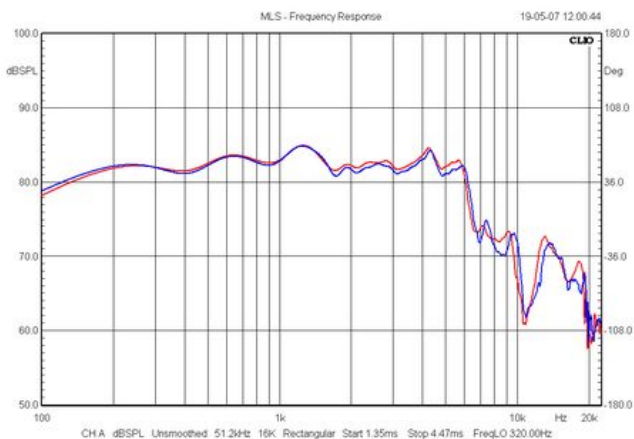


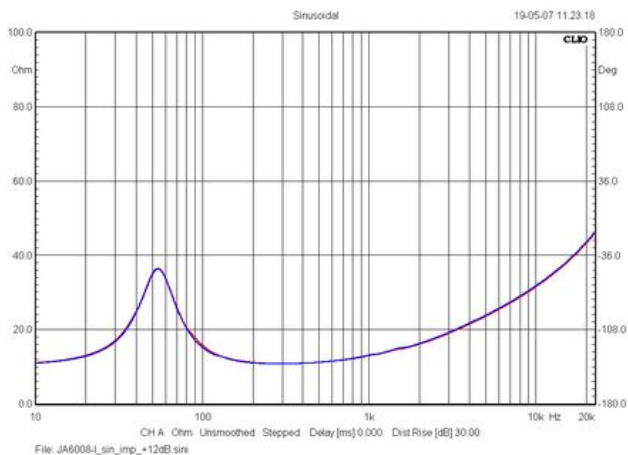
Jantzen Audio Polypropylene drivers JA-6012, 6 inch



The JA-6012 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. This driver is especially made for d'Appolito and 2½-way application, providing an easy impedance load for real-world amplifiers. Vented or closed cabinets of 22-28 litre volume is recommended.

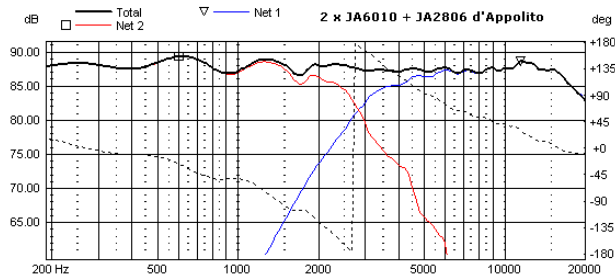


Frequency response from mounting the driver in a floorstander cabinet with front panel dimensions of 210 x 750 mm. Response from two drivers shown.



Impedance of two drivers in free air.

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



Example of d'Appolito set-up with JA-2806 tweeter. 2nd order low-pass filter, 3rd order high-pass for tweeter.

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

- $F_s = 54 \text{ Hz}$
- $R_e = 10.3$
- $Q_{ms} = 2.08$
- $Q_e = 0.83$
- $Q_t = 0.59$
- $C_{ms} = 0.65$
- $M_{ms} = 13.4 \text{ grams}$
- $BL = 7.55$
- $V_{as} = 12.8 \text{ litre}$
- $\text{dB SPL} = 85.9 \text{ (1W/1m)}$
- $SD = 119 \text{ cm}^2$
- Power handling = 100 W RMS/150 W max.
- Voice coil diameter = 3", 75 mm
- Nominal impedance = 12 ohms.

JA6012 driver dimensions.

