

JA-6012 – MID-RANGE WOOFER™



The Jantzen Audio JA-6012™ is an affordable and powerful 6” mid-range woofer offering great performance compared to its reasonable price.

A solid design used by both OEM manufacturers and as part of Jantzen Audio’s own DIY speaker kits.

HIGHLIGHTS

Powerful 6” mid-range woofer fitted in a vented spider chassis

Featuring a massive 75 mm voice coil for proper power handling

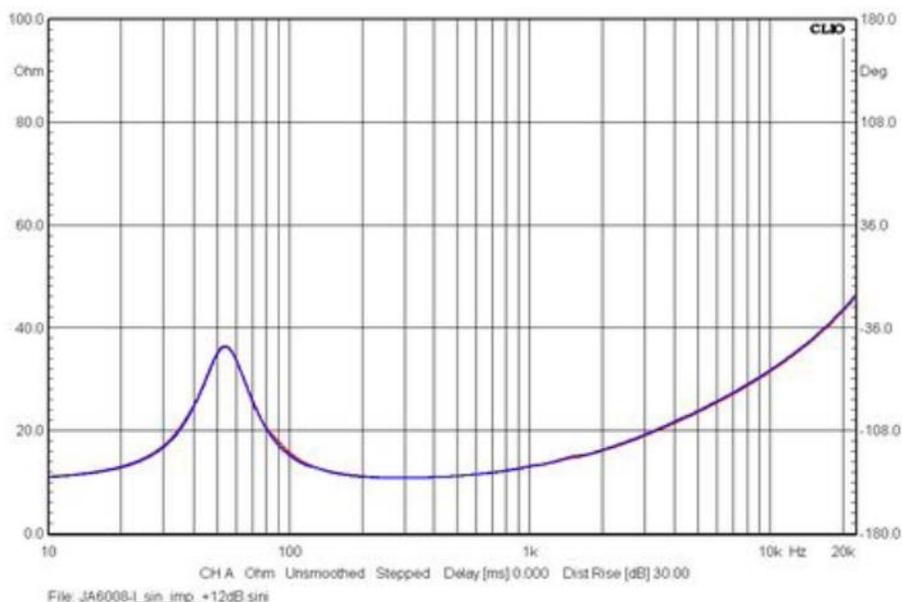
Made especially for d’Appolito and 2½-Way application. Vented or closed cabinets of 22-28 liters are recommended

TECHNICAL INFORMATION

Basic parameters:

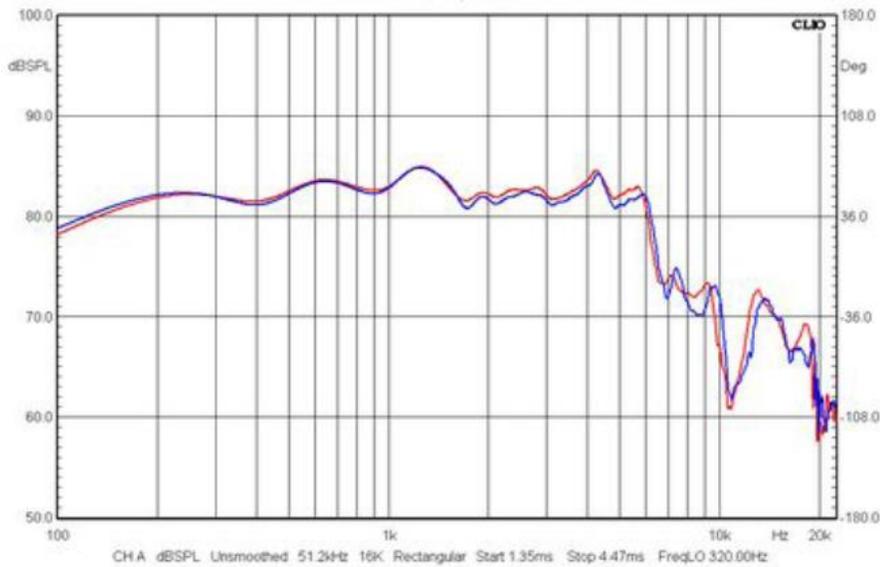
- **Nominal impedance:** 12 Ω
- **Power handling:** 100 watts RMS / 150 W max.
- **Voice Coil diameter:** 3" – 75 mm
- **FS:** 54 Hz
- **RE:** 10.03 Ω
- **Qms:** 2.08
- **Qe:** 0.83
- **Qt:** 0.59
- **Cms:** 0.65
- **Mms:** 13.4 grams
- **BL:** 7.55
- **Vas:** 12.8 liters
- **dB SPL:** 85.9 (1W/1m)
- **SD:** 119 cm²

Sinusoidal:



TECHNICAL INFORMATION

MLS Frequency response:

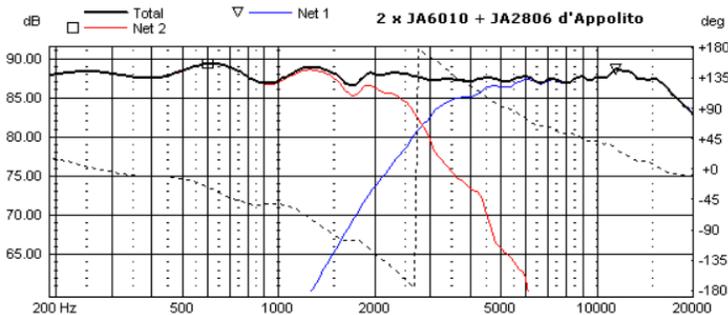


SINUSOIDAL GRAPH:

Impedance of driver in free air.

MLS Frequency response graph:

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



The smooth roll off characteristic provides easy filtering at points of crossover around 2-3 kHz. Example of d'Appolito setup with JA-2806 tweeter. 2nd order low-pass filter, 3rd order high-pass for tweeter.

TECHNICAL INFORMATION

Driver Dimensions:

