

Nowość !!!

Woofer Jantzen Audio Denmark

JA 8008

8'' 8 Ohm 95 dB

Zaprojektowany przez Troelsa Gravesena



Measurements

The samples are measured in a 20 l closed cabinet with outside dimensions 260 mm x 439 mm x 242 mm (W H D) with wall thickness 15 mm. The cabinet is loosely filled with damping material. The samples are measured at 1 m/2.83 V on axis in our anechoic chamber using the TRF-module from Klippel GmbH¹. The microphone is a B&K 4133.

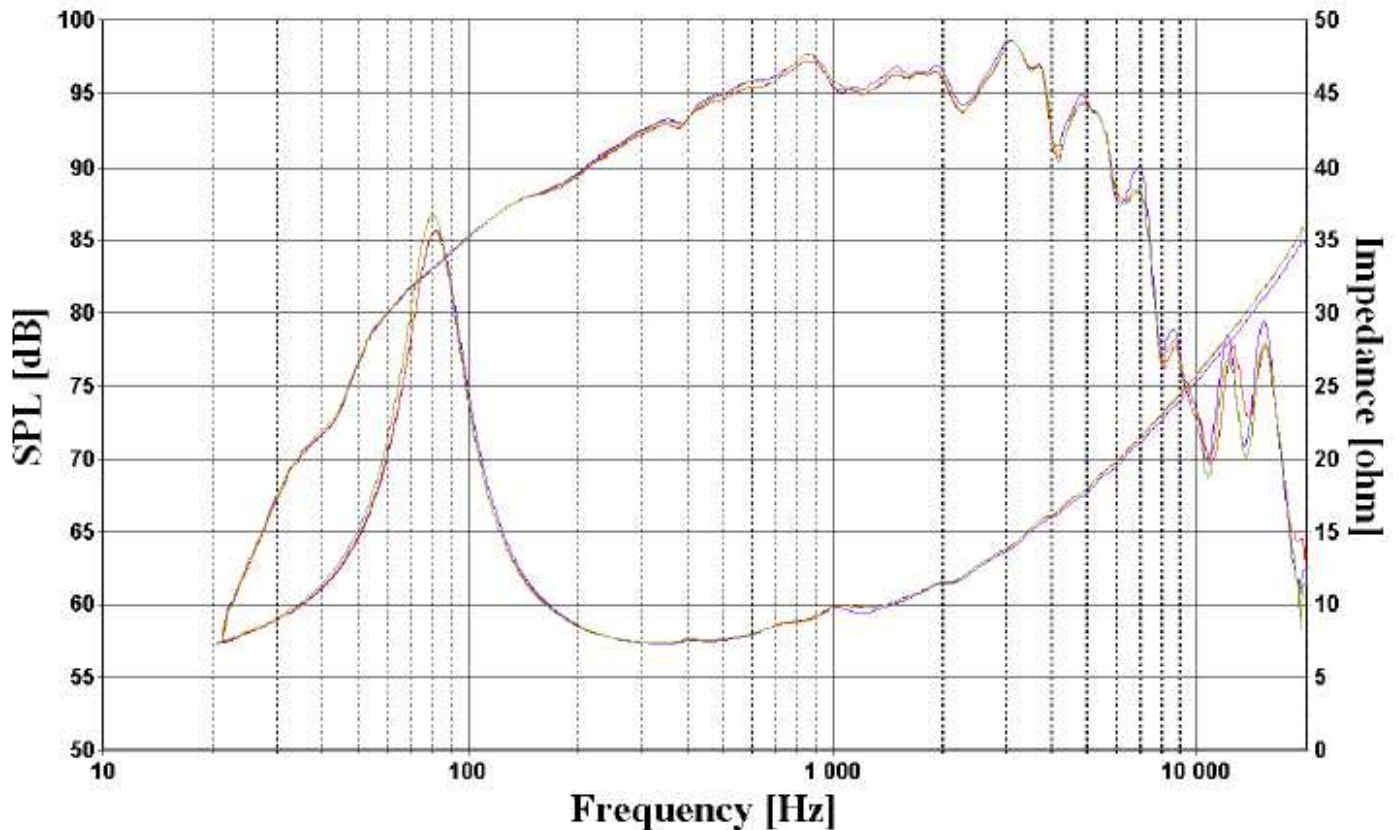


Figure 1: Upper curves are sound pressure responses (left axis), lower curves are impedance responses for samples 061128-04 through -06.

The resonance frequency (f_0) and the impedance at resonance (Z_0), are measured using a 2 V_{RMS} sine signal.

- Voice coil, 39 mm diameter, 8 ohm
- 2-layer Cu-wire, 12 mm winding height, $X_{lim} = \pm 3.0$ mm
- Aluminum former with holes
- Paper cone
- Paper dust cap
- Edge coated foam surround
- Magnet system outside diameter is 134 mm
- The basket outside diameter is 221.4 mm

Parameters

The measured sample has been run in at near maximum excursion in free air using a sine signal at f_0 for 2 min. The resonance frequency and impedance at resonance are measured using a $2 V_{RMS}$ sine signal.

The moving mass and the BL-product are measured with the laser equipment from Klippel GmbH¹.

Free air res., f_0	47	Hz
Moving mass, M_{ms}	17.82	g
Force factor, BL	10.3	N/A
Imp. at res., Z_0	38	ohm
DC resistance, R_{dc}	6.19	ohm
Eff. Area, S	230	cm ²
Mec. res., R_{mec}	3.32	Ns/m
Q_{ms}	1.59	
Q_{es}	0.31	
Q_{ts}	0.26	
V_{as}	47.7	l
C_{ms}	0.64	mm/N

Table 2: T/S parameters.

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JA-8008 brand new Jantzen Audio 8" driver, 8 ohm, 95 dB designed by Troels Gravesen and made by SEAS, Norway. Ideally mated with high efficiency, 34 mm dome tweeter with JA-waveguide.



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JA-6006
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