

Balanced Armature Driver



Premium Audio

HC-33617-000

Single Full-range

Features

- . Good low frequency dynamic range for size
- . Back-vented for enhanced bass
- . Customization possible (impedance, damping, porting, etc.)
- . RoHS compliant



Typical Performance at 1kHz

Impedance	59	Ohms
Sensitivity to 100mV	105	dB SPL
Sensitivity to 1mW	101	dB SPL
Max SPL ^a	123	dB SPL
THD at 94dB SPL	0.3	%
THD at 100dB SPL	0.4	%

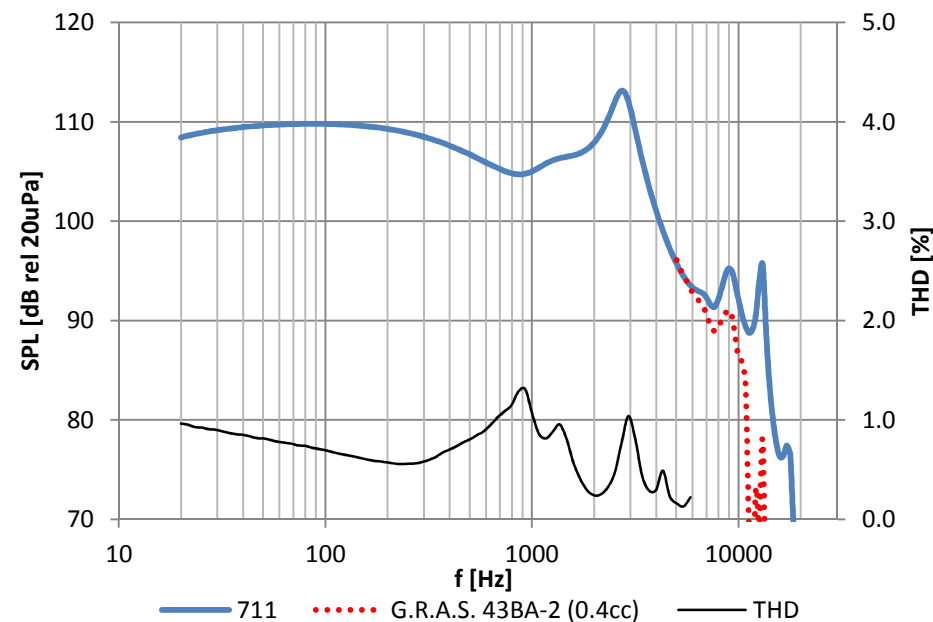
a) SPL at 10% THD

Testing Condition

using 100mV rms drive signal

- IEC60318-4 (711) coupler
- G.R.A.S. 43BA-2 (0.4cc)
- THD

Frequency Response and THD



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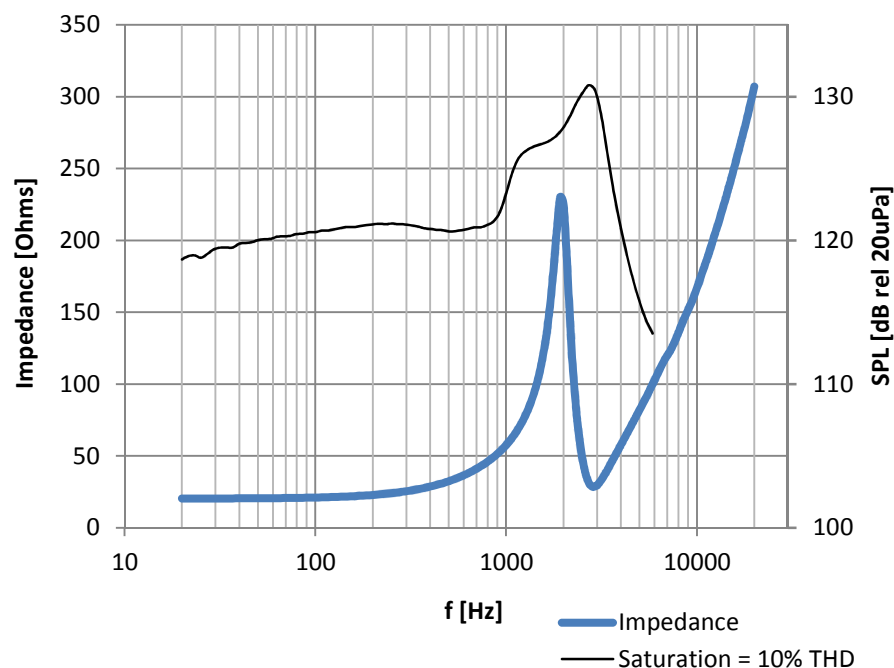


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Impedance and Saturation SPL



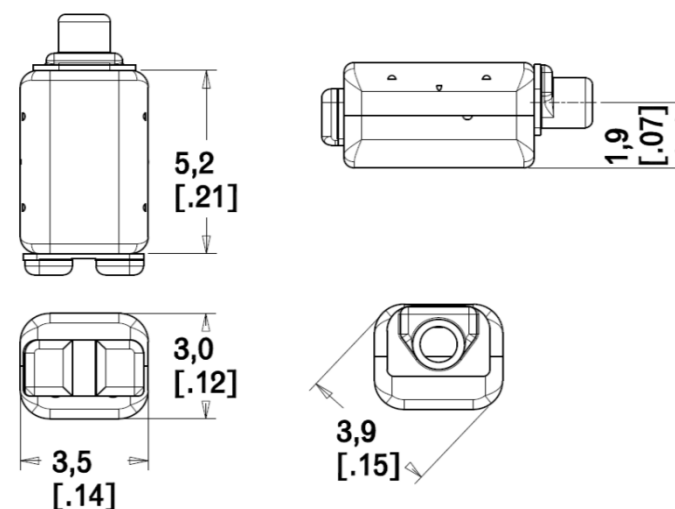
Demonstrator Earphone Model Number

(standard sample in **BOLD**)

	without MIC	with MIC
Straight Cable	TC-32211-B96	TC-32282-B96

Outline Drawing

mm (inches)



Notes

- Ask about custom assembly options (lead wires, customer-specified materials, etc.)
- To prevent heat damage, follow soldering guidelines in application note AN13 (knowles.com)
- Measurement data for reference only. Refer to model specification for full dimensions and performance.