

Balanced Armature Driver

RAQ-33862-000

Full-Range Driver

Premium Audio

Preliminary & Confidential

Features

- Highly automated assembly for consistent volume production
- Full traceability at unit level
- Exceptionally small full-range driver
- Ideal for true wireless hearables where small size is critical



Typical Performance at 1kHz

Impedance	53	Ohms
Sensitivity to 100mV	106	dB SPL
Sensitivity to 1mW	114	dB SPL
Max SPL ^a	120	dB SPL
THD at 94dB SPL	0.4	%
THD at 100dB SPL	0.6	%

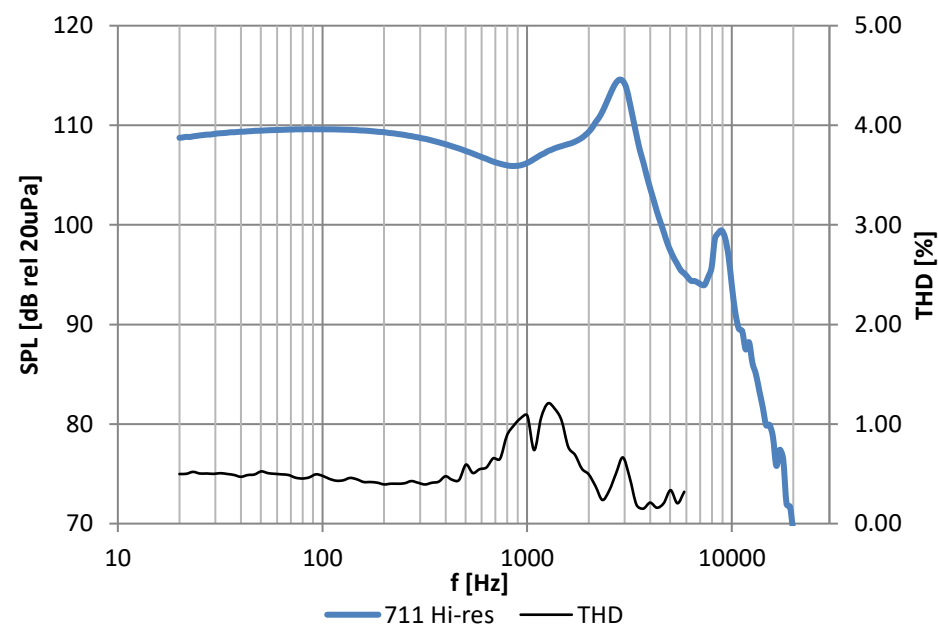
a) SPL at 10% THD

Testing Condition

using 100mV rms drive signal

- 711 Hi-RES GRAS 403
- THD

Frequency Response and THD



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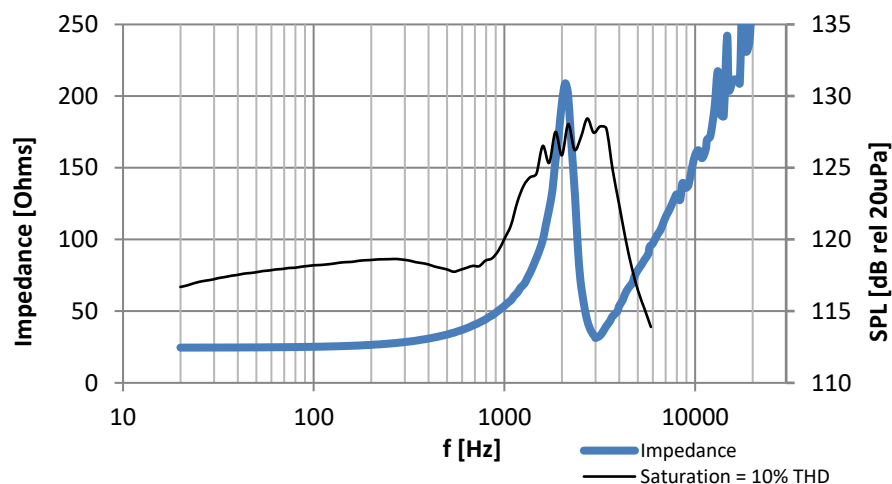
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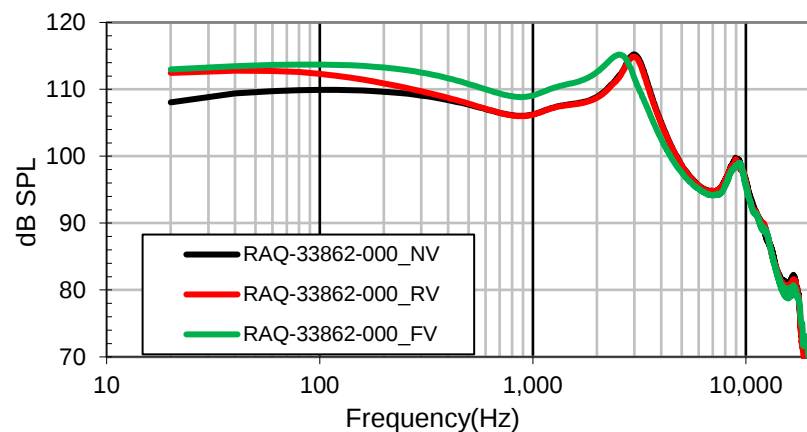
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Impedance and Saturation SPL

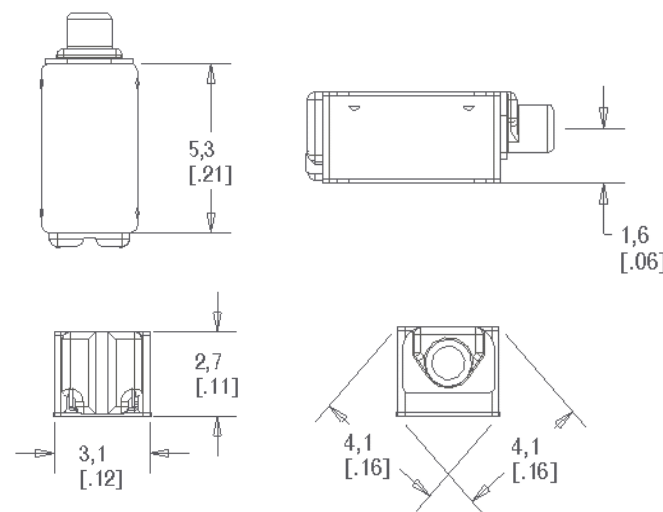


Venting Options



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.